

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102918\
 Data File : VW006424.D
 Acq On : 27 Oct 2018 01:49
 Operator : SY/AP
 Sample : VW1029SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1029SBS01

Manual Integrations
 APPROVED

apatel
 10/29/2018 10:03:49 AM

Quant Time: Oct 29 09:41:04 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	209098	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	304310	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	278125	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	156504	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	88473	51.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.08%	
35) Dibromofluoromethane	7.88	113	91518	50.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.80%	
50) Toluene-d8	10.32	98	333418	48.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.48%	
62) 4-Bromofluorobenzene	12.62	95	124812	48.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	18766m	18.136	ug/l	
3) Chloromethane	2.21	50	26377	19.803	ug/l	100
4) Vinyl Chloride	2.37	62	38485	20.232	ug/l	100
5) Bromomethane	2.79	94	36324	20.996	ug/l	97
6) Chloroethane	2.92	64	30916	22.680	ug/l	100
7) Trichlorofluoromethane	3.26	101	35103	19.810	ug/l	100
8) Diethyl Ether	3.68	74	20322	21.579	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	40069	21.577	ug/l	98
10) Methyl Iodide	4.26	142	67163	21.730	ug/l	98
11) Tert butyl alcohol	5.23	59	12064	103.475	ug/l #	92
12) 1,1-Dichloroethene	4.03	96	36924	21.135	ug/l	94
13) Acrolein	3.90	56	10161	90.068	ug/l	91
14) Allyl chloride	4.67	41	49359	19.759	ug/l	98
15) Acrylonitrile	5.38	53	39491	116.914	ug/l	98
16) Acetone	4.14	43	36384	103.180	ug/l	95
17) Carbon Disulfide	4.37	76	94136	17.853	ug/l	100
18) Methyl Acetate	4.68	43	19517	22.372	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	57575	21.637	ug/l	96
20) Methylene Chloride	4.91	84	45389	23.895	ug/l	93
21) trans-1,2-Dichloroethene	5.42	96	44270	22.702	ug/l	95
22) Diisopropyl ether	6.32	45	108838	22.048	ug/l	98
23) Vinyl Acetate	6.26	43	303910	104.318	ug/l	98
24) 1,1-Dichloroethane	6.21	63	73022	22.924	ug/l	97
25) 2-Butanone	7.18	43	51260	109.457	ug/l	100
26) 2,2-Dichloropropane	7.17	77	43048	19.161	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	48730	22.644	ug/l	100
28) Bromochloromethane	7.51	49	25305	20.578	ug/l	95
29) Tetrahydrofuran	7.54	42	31829	110.571	ug/l	98
30) Chloroform	7.68	83	81297	23.425	ug/l	100
31) Cyclohexane	7.95	56	61683	19.445	ug/l	94
32) 1,1,1-Trichloroethane	7.87	97	66455	21.228	ug/l	99
36) 1,1-Dichloropropene	8.08	75	61026	21.757	ug/l	99
37) Ethyl Acetate	7.26	43	23926	22.959	ug/l	98
38) Carbon Tetrachloride	8.07	117	62188	20.225	ug/l	97

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 ALS Vial : 32 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
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Quant Time: Oct 29 09:41:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	73505	19.715	ug/l	99
40) Benzene	8.32	78	177124	23.021	ug/l	99
41) Methacrylonitrile	7.49	41	14201	22.605	ug/l	98
42) 1,2-Dichloroethane	8.40	62	52451	23.203	ug/l	99
43) Isopropyl Acetate	8.43	43	43735	20.525	ug/l	97
44) Trichloroethene	9.09	130	53116	22.502	ug/l	97
45) 1,2-Dichloropropane	9.37	63	41689	22.643	ug/l	98
46) Dibromomethane	9.46	93	24105	22.971	ug/l	99
47) Bromodichloromethane	9.65	83	54691	21.497	ug/l	99
48) Methyl methacrylate	9.44	41	21287	21.076	ug/l	94
49) 1,4-Dioxane	9.49	88	7532	466.250	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	116301	108.937	ug/l	99
52) Toluene	10.39	92	115303	22.353	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	50559	19.946	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	60577	20.823	ug/l	95
55) 1,1,2-Trichloroethane	10.79	97	35284	24.028	ug/l	98
56) Ethyl methacrylate	10.65	69	37901	21.054	ug/l	98
57) 1,3-Dichloropropane	10.93	76	55982	23.030	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	78880	114.671	ug/l	100
59) 2-Hexanone	10.98	43	76583	100.491	ug/l	97
60) Dibromochloromethane	11.13	129	38457	21.025	ug/l	100
61) 1,2-Dibromoethane	11.24	107	33087	22.550	ug/l	100
64) Tetrachloroethene	10.87	164	49541	22.945	ug/l	97
65) Chlorobenzene	11.66	112	136029	22.847	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	45243	21.383	ug/l	98
67) Ethyl Benzene	11.73	91	224161	21.725	ug/l	98
68) m/p-Xylenes	11.84	106	178021	43.651	ug/l	99
69) o-Xylene	12.17	106	85050	21.882	ug/l	97
70) Styrene	12.18	104	135564	21.449	ug/l	98
71) Bromoform	12.35	173	23028	19.512	ug/l #	99
73) Isopropylbenzene	12.47	105	232548	21.033	ug/l	100
74) N-amyl acetate	12.28	43	41786	19.458	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	39117	23.261	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	29120m	24.360	ug/l	
77) Bromobenzene	12.75	156	60361	22.289	ug/l	99
78) n-propylbenzene	12.81	91	276579	21.501	ug/l	99
79) 2-Chlorotoluene	12.90	91	153988	21.306	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	199932	21.450	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	8593	17.183	ug/l	91
82) 4-Chlorotoluene	12.99	91	164625	21.744	ug/l	100
83) tert-Butylbenzene	13.21	119	174995	20.984	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	200381	21.245	ug/l	100
85) sec-Butylbenzene	13.39	105	250445	21.258	ug/l	100
86) p-Isopropyltoluene	13.51	119	225678	21.178	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	119901	22.247	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	119034	22.182	ug/l	99
89) n-Butylbenzene	13.83	91	198977	20.417	ug/l	99
90) Hexachloroethane	14.10	117	34150	18.920	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	107606	22.383	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	5808	19.290	ug/l	98

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Quant Title : SW846 8260
QLast Update : Thu Oct 18 17:01:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	78947	21.342	ug/l	99
94) Hexachlorobutadiene	15.24	225	49328	21.228	ug/l	98
95) Naphthalene	15.38	128	129038	20.970	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	70443	22.017	ug/l	100

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

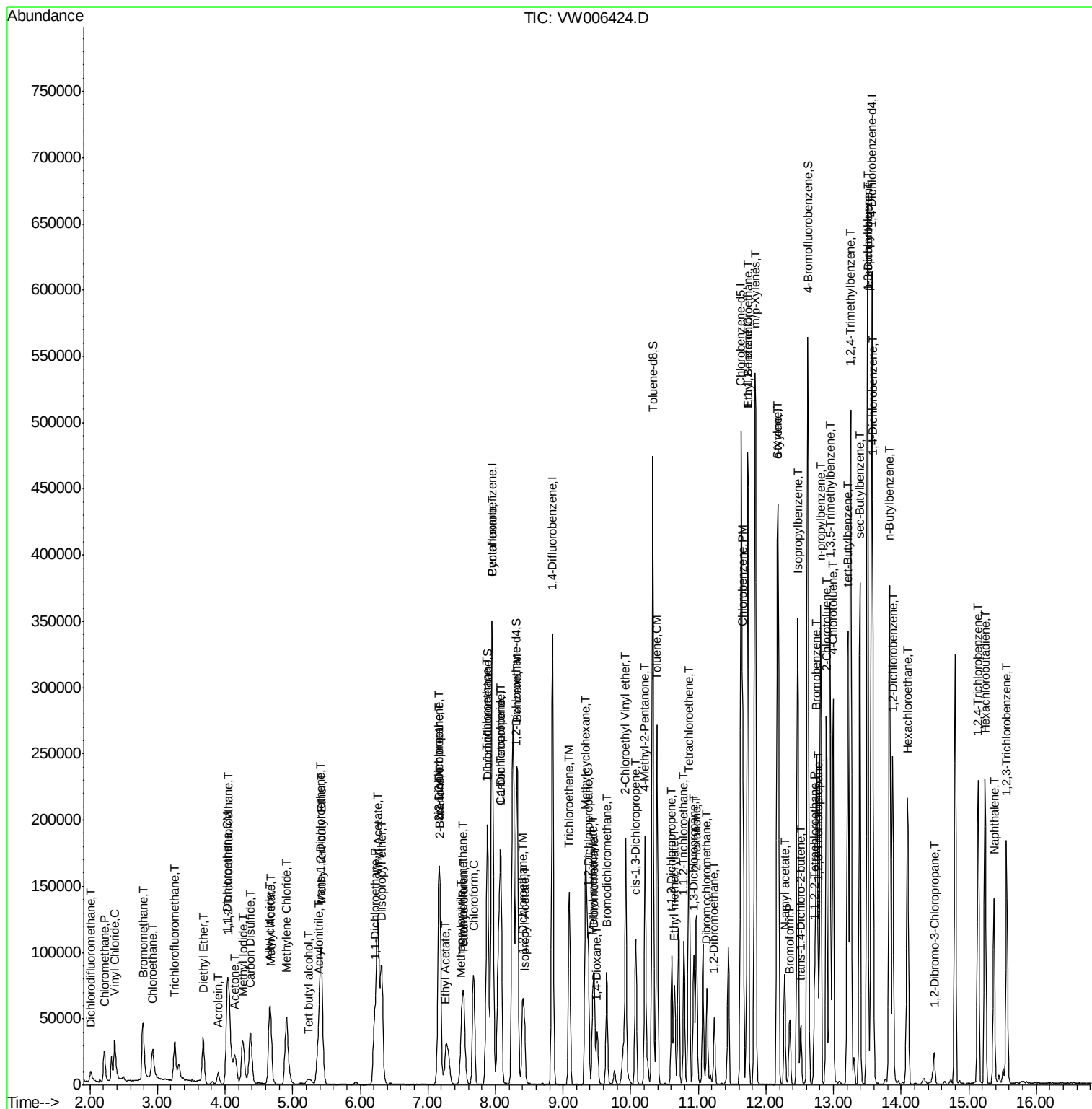
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Data File : VW006424.D
Acq On : 27 Oct 2018 01:49
Operator : SY/AP
Sample : VW1029SBS01
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 32 Sample Multiplier: 1

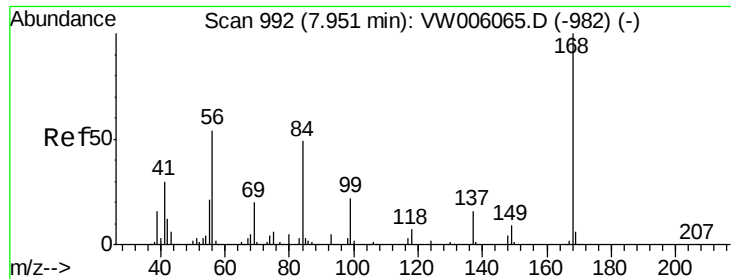
Instrument :
MSVOA_W
ClientSampleId :
VW1029SBS01

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#1

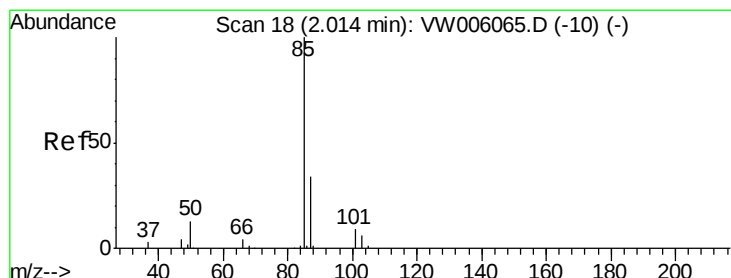
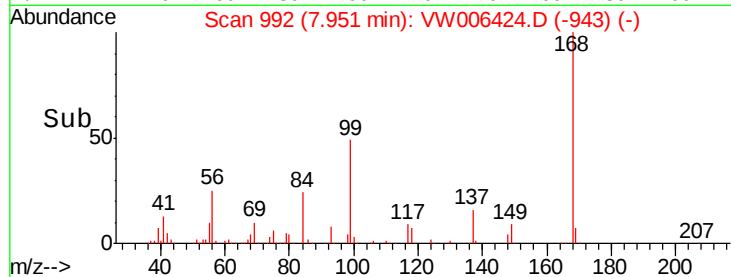
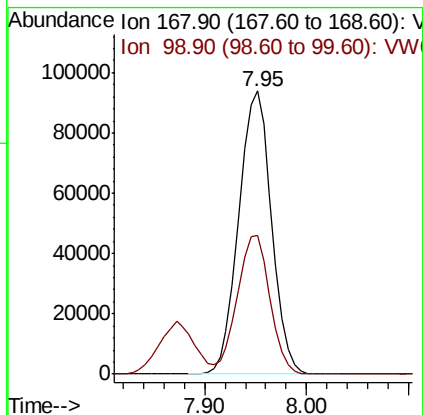
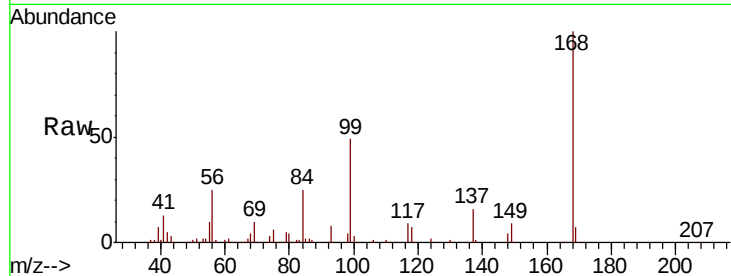
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.00 min
 Lab File: VW006424.D
 Acq: 27 Oct 2018 01:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1029SBS01

Tot Ion	Ratio	Lower	Upper
168	100		
99	48.9	39.9	59.9

Manual Integrations
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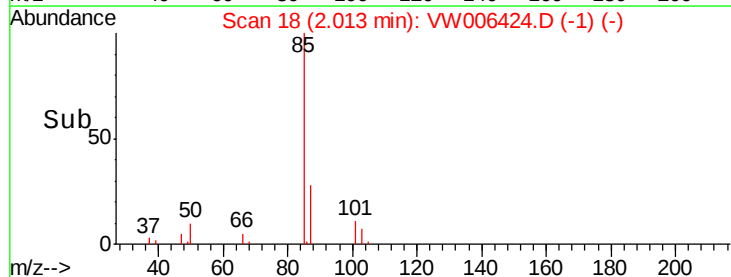
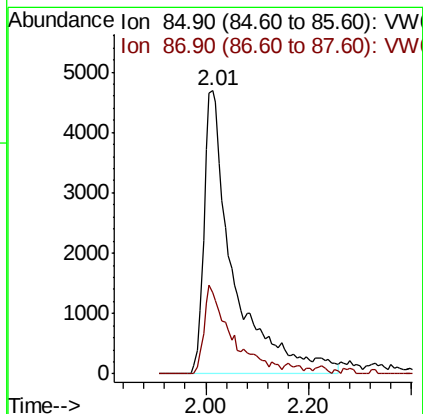
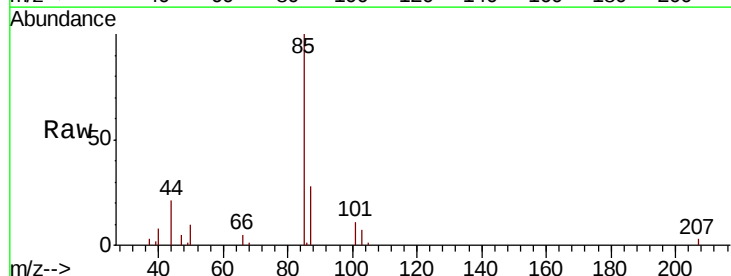
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#2

Dichlorodifluoromethane
 Concen: 18.136 ug/l m
 RT: 2.01 min Scan# 18
 Delta R.T. -0.00 min
 Lab File: VW006424.D
 Acq: 27 Oct 2018 01:49

Tgt Ion	Ratio	Lower	Upper
85	100		
87	28.4	16.9	50.6





#3

Chloromethane

Concen: 19.803 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW006424.D

Acq: 27 Oct 2018 01:49

Instrument :

MSVOA_W

ClientSampleId :

VW1029SBS01

Tot Ion: 50 Resp: 26377

Ion Ratio Lower Upper

50 100

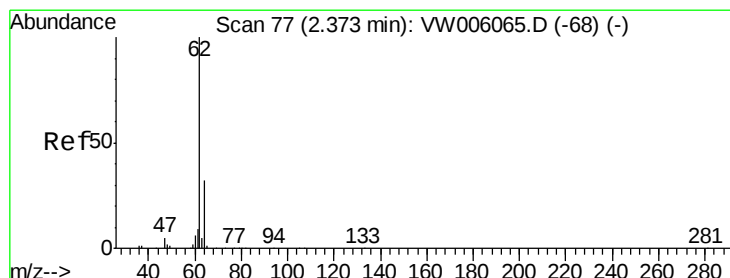
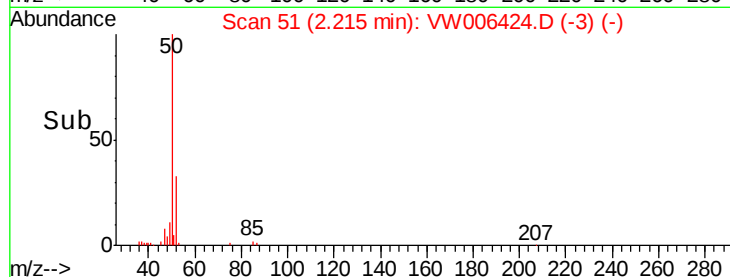
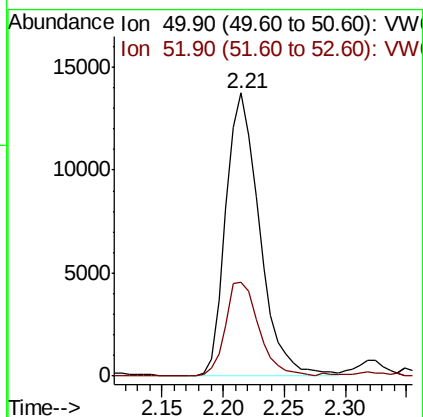
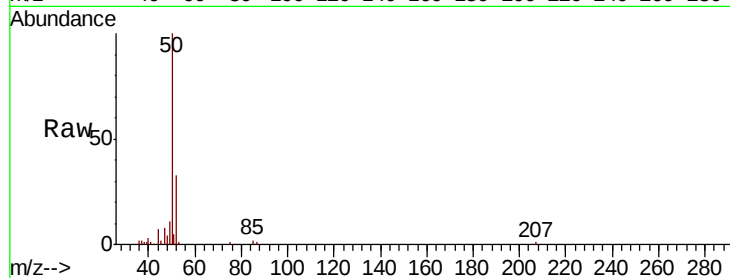
52 33.4 26.8 40.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 20.232 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.01 min

Lab File: VW006424.D

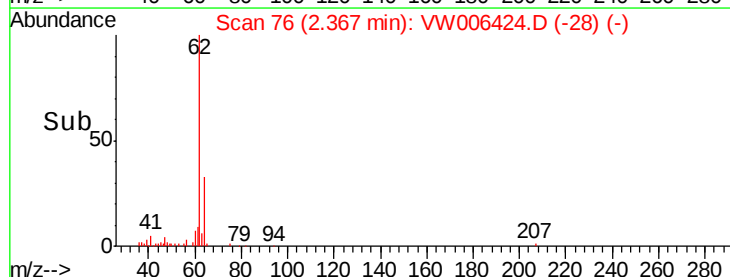
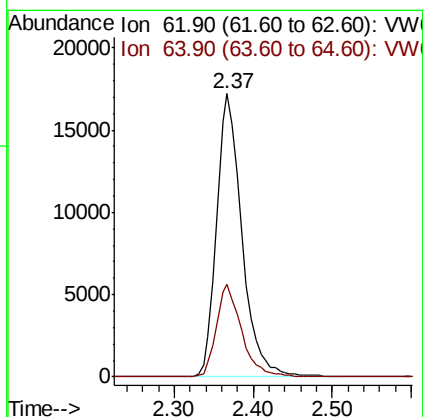
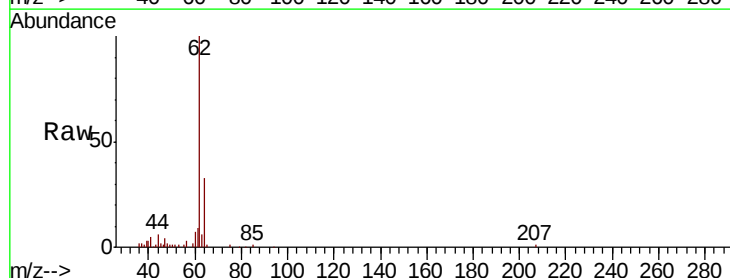
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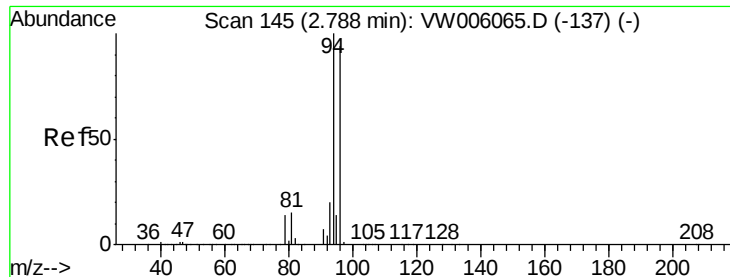
Tgt Ion: 62 Resp: 38485

Ion Ratio Lower Upper

62 100

64 32.6 25.9 38.9





#5

Bromomethane

Concen: 20.996 ug/l

RT: 2.79 min Scan# 145

Delta R.T. -0.00 min

Lab File: VW006424.D

Acq: 27 Oct 2018 01:49

Instrument :

MSVOA_W

ClientSampleId :

VW1029SBS01

Tot Ion: 94 Resp: 36324

Ion Ratio Lower Upper

94 100

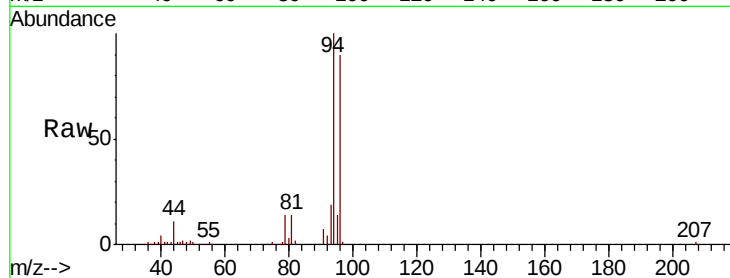
96 90.3 74.9 112.3

Manual Integrations

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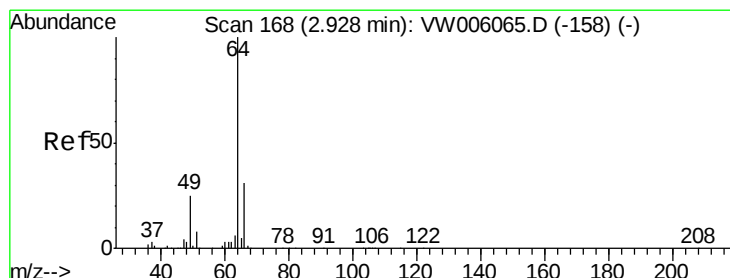
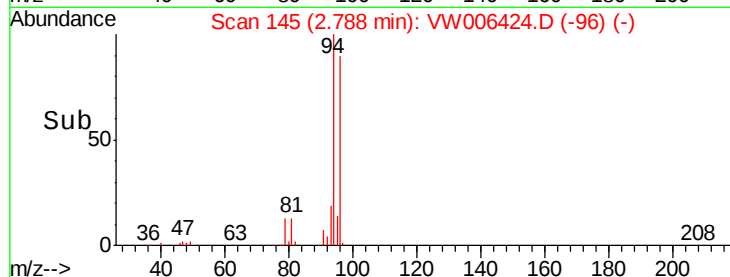
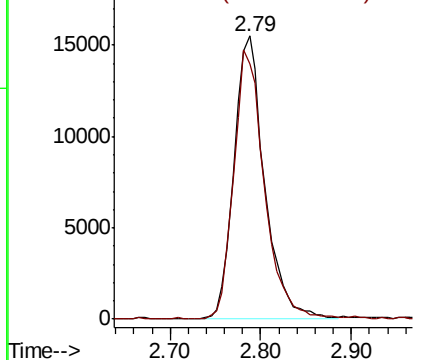
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Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 22.680 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW006424.D

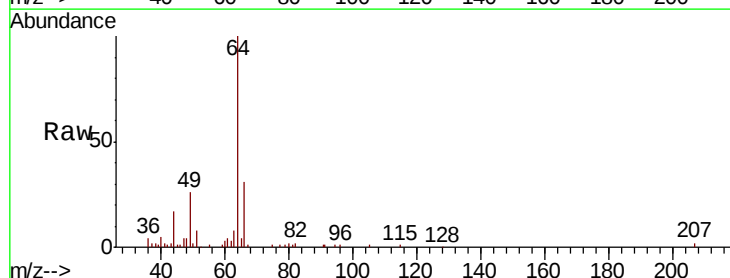
Acq: 27 Oct 2018 01:49

Tgt Ion: 64 Resp: 30916

Ion Ratio Lower Upper

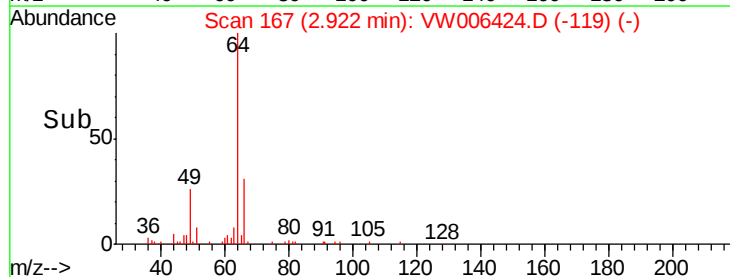
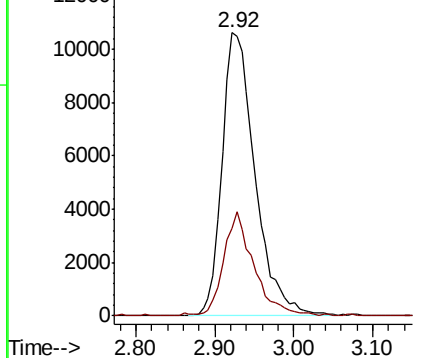
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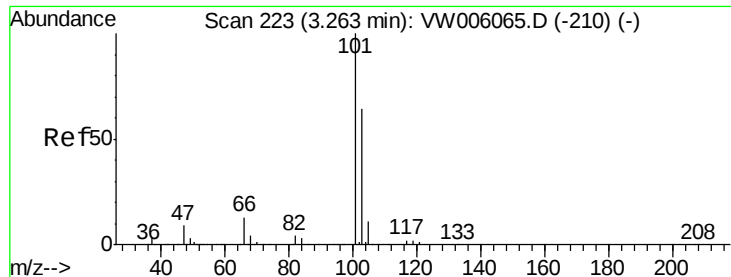
66 31.0 24.9 37.3



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW





#7

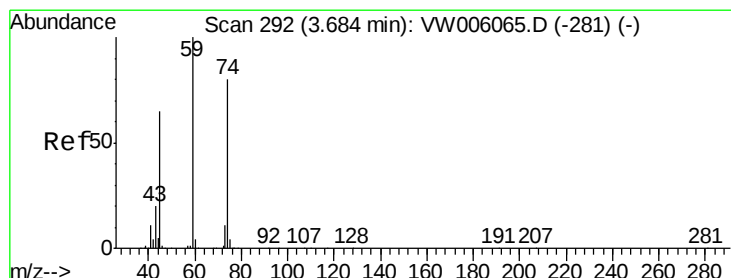
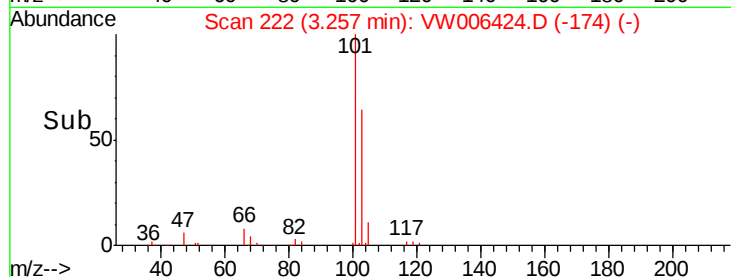
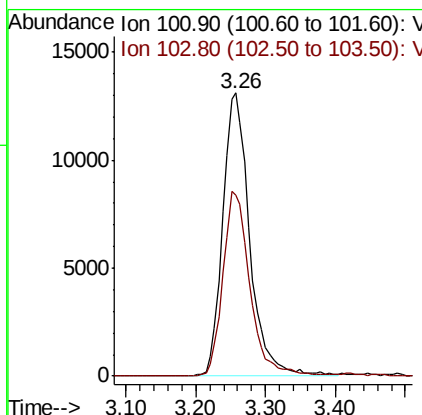
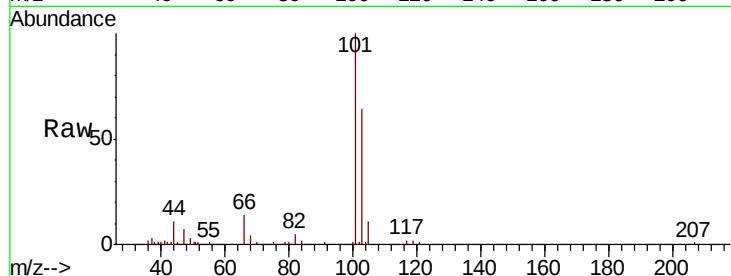
Trichlorofluoromethane
 Concen: 19.810 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW006424.D
 Acq: 27 Oct 2018 01:49

Instrument :
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 VW1029SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		35103		
103	64.2	51.2	76.8		

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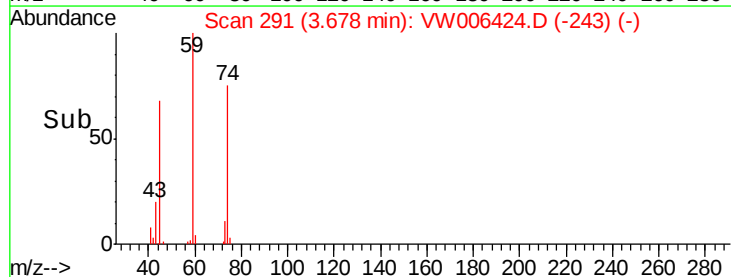
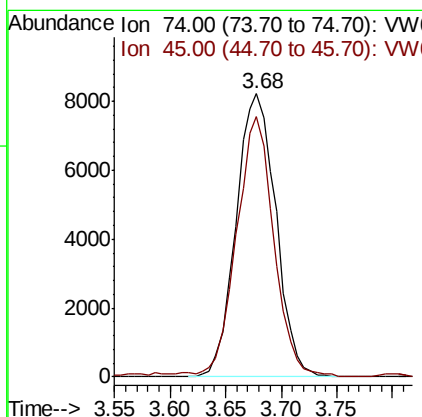
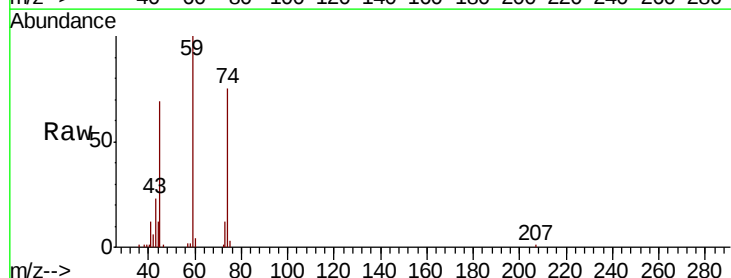
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#8

Diethyl Ether
 Concen: 21.579 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW006424.D
 Acq: 27 Oct 2018 01:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		20322		
45	87.5	42.8	128.3		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.577 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW006424.D

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Instrument :

MSVOA_W

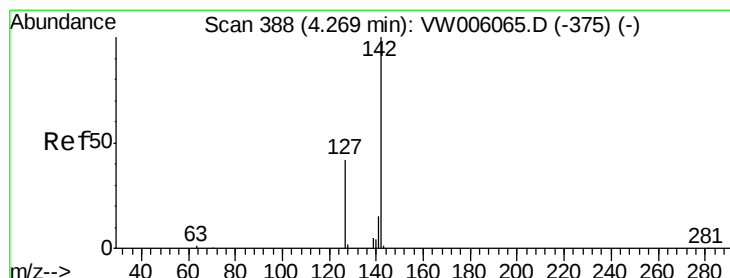
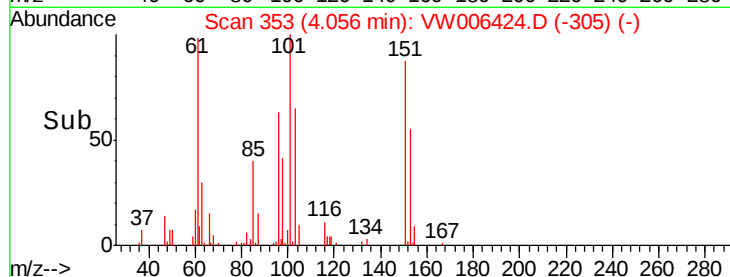
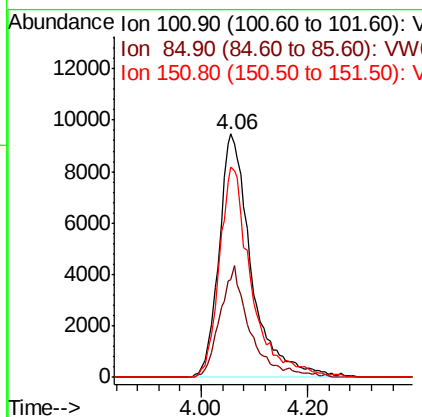
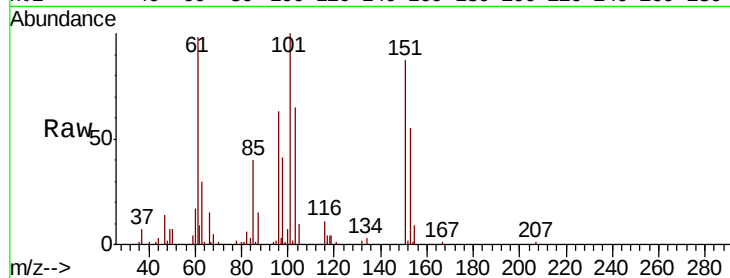
ClientSampleId :

VW1029SBS01

Tot Ion:	101	Resp:	40069
Ion Ratio	Lower	Upper	
101	100		
85	42.4	34.9	52.3
151	85.7	70.4	105.6

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#10

Methyl Iodide

Concen: 21.730 ug/l

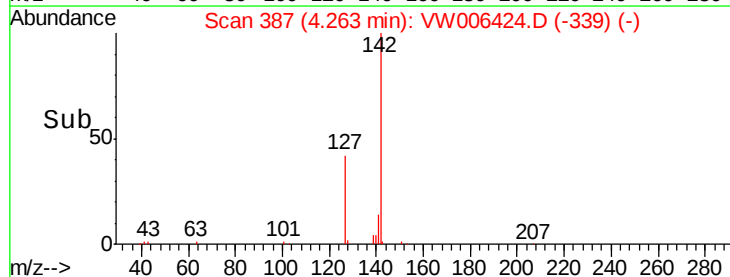
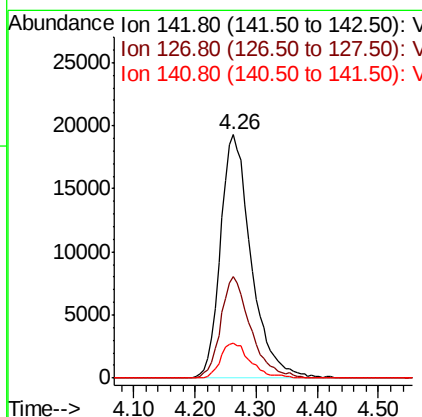
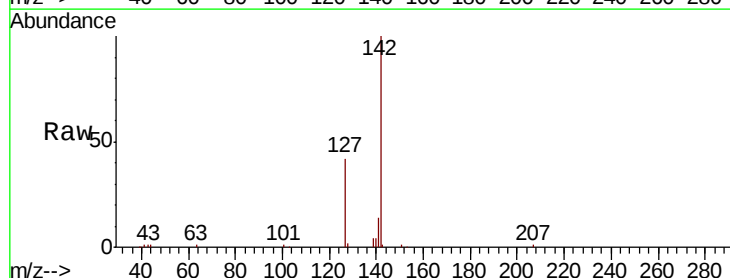
RT: 4.26 min Scan# 387

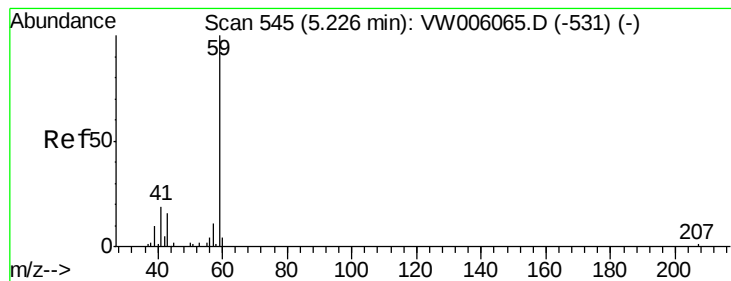
Delta R.T. -0.01 min

Lab File: VW006424.D

Acq: 27 Oct 2018 01:49

Tgt Ion:	142	Resp:	67163
Ion Ratio	Lower	Upper	
142	100		
127	40.6	33.6	50.4
141	13.9	11.6	17.4





#11

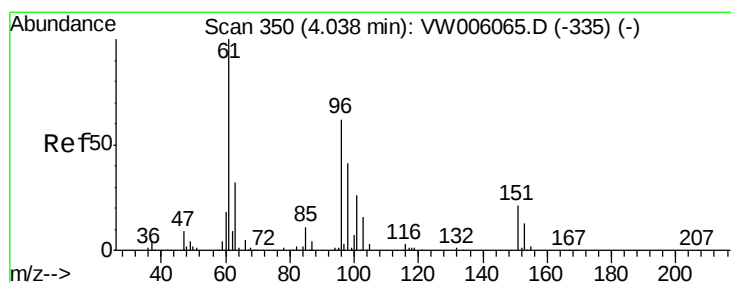
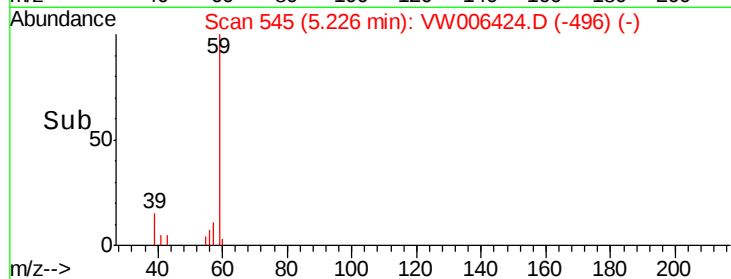
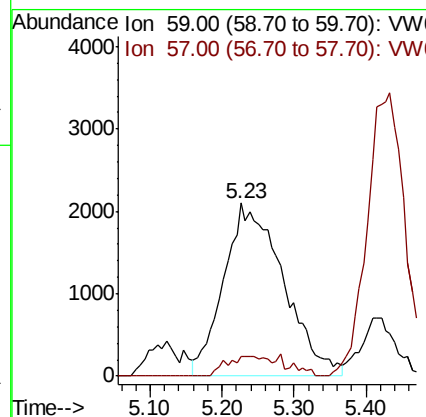
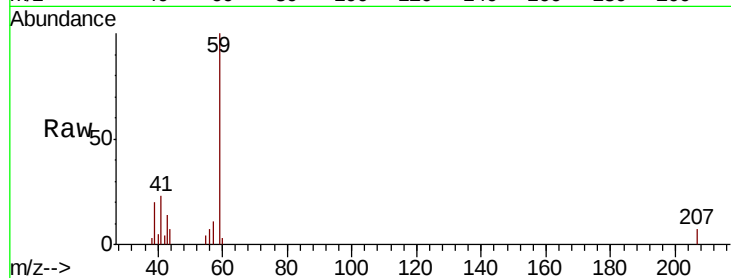
Tert butyl alcohol
Concen: 103.475 ug/l
RT: 5.23 min Scan# 545
Delta R.T. -0.00 min
Lab File: VW006424.D
Acq: 27 Oct 2018 01:49

Instrument :
MSVOA_W
ClientSampleId :
VW1029SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	7.9	8.7	13.1#

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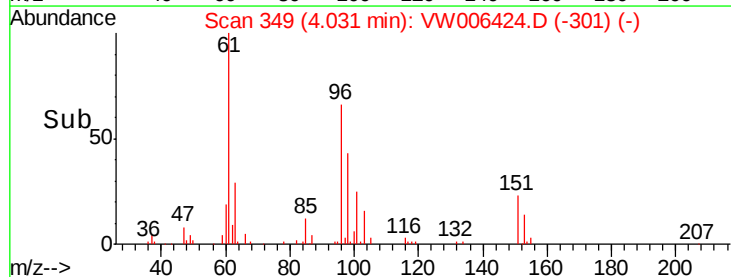
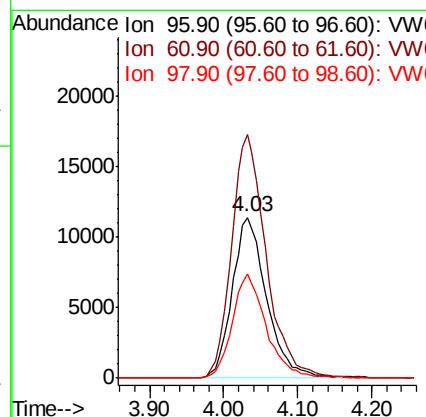
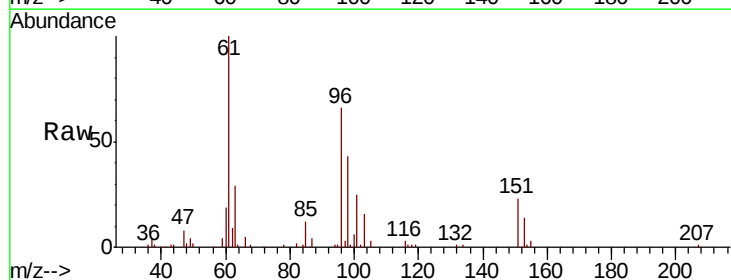
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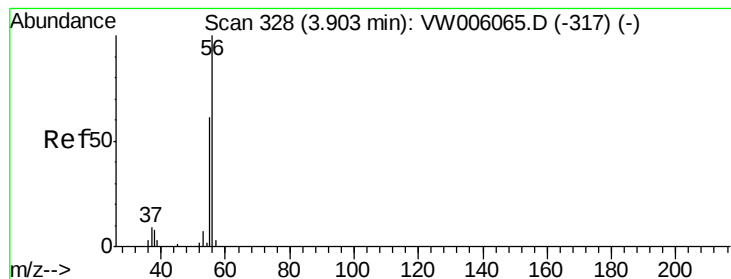


#12

1,1-Dichloroethene
Concen: 21.135 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW006424.D
Acq: 27 Oct 2018 01:49

Tgt Ion	Ratio	Lower	Upper
96	100		
61	151.5	129.3	193.9
98	64.4	53.1	79.7





#13

Acrolein

Concen: 90.068 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.01 min

Lab File: VW006424.D

Acq: 27 Oct 2018 01:49

Instrument :

MSVOA_W

ClientSampleId :

VW1029SBS01

Tot Ion: 56 Resp: 10161

Ion Ratio Lower Upper

56 100

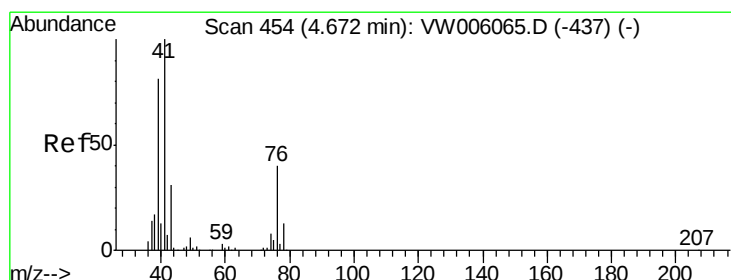
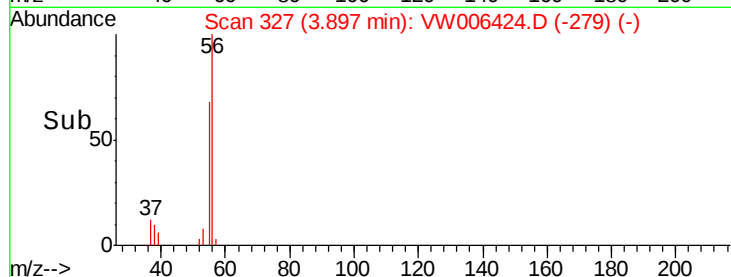
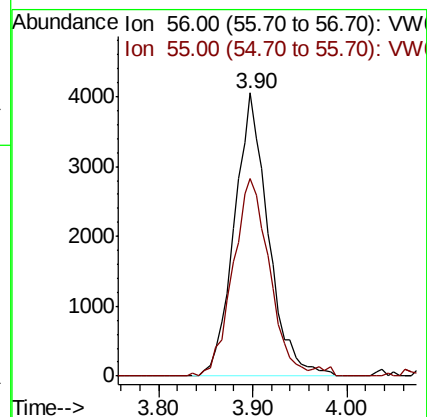
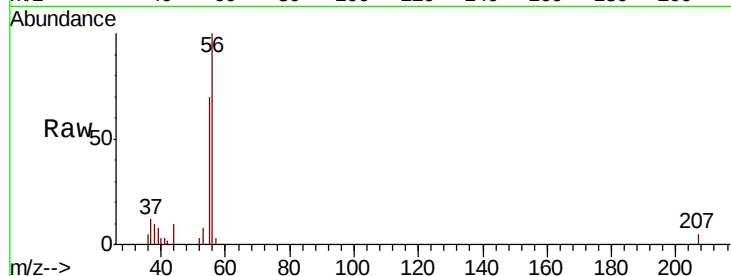
55 75.2 54.5 81.7

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#14

Allyl chloride

Concen: 19.759 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW006424.D

Acq: 27 Oct 2018 01:49

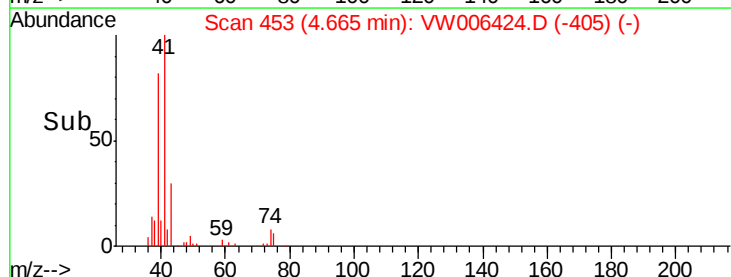
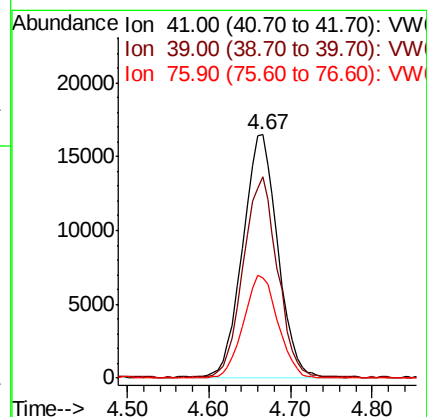
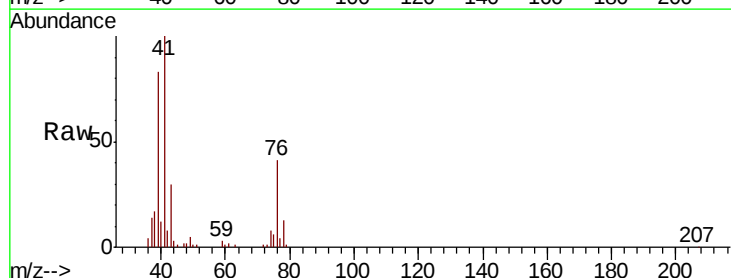
Tgt Ion: 41 Resp: 49359

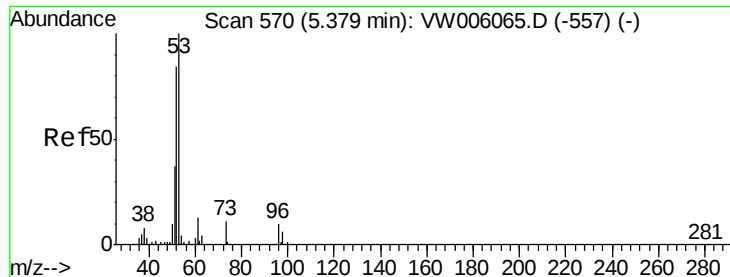
Ion Ratio Lower Upper

41 100

39 81.6 64.1 96.1

76 41.4 32.2 48.4





#15

Acrylonitrile

Concen: 116.914 ug/l

RT: 5.38 min Scan# 570

Delta R.T. -0.00 min

Lab File: VW006424.D

Acq: 27 Oct 2018 01:49

Instrument :

MSVOA_W

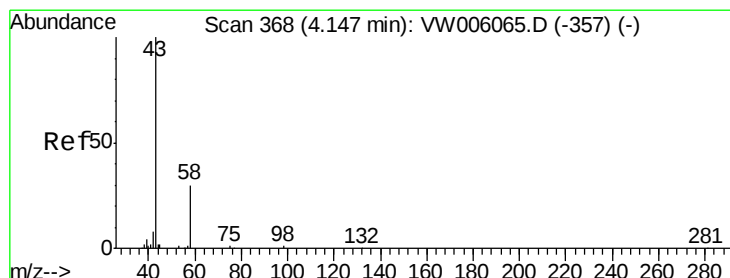
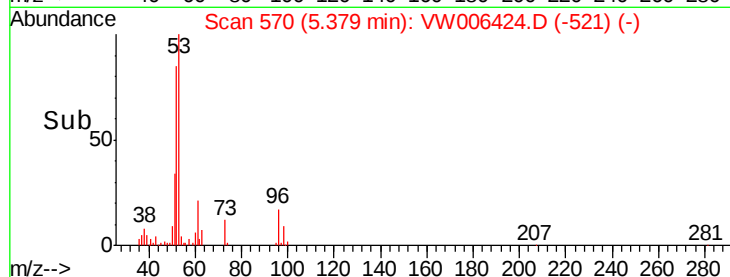
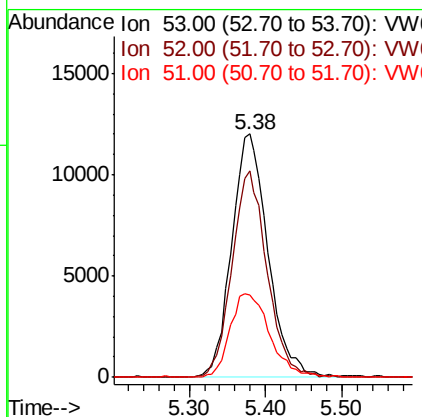
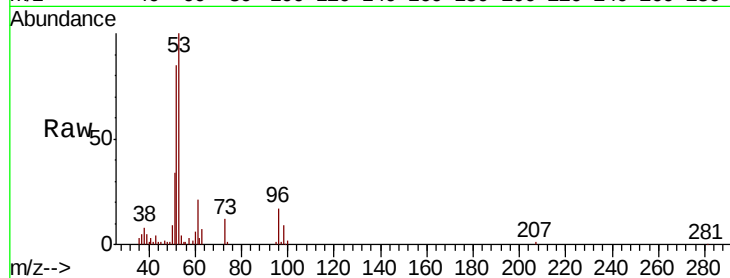
ClientSampleId :

VW1029SBS01

Tot Ion:	53	Resp:	39491
Ion	Ratio	Lower	Upper
53	100		
52	81.3	66.9	100.3
51	37.4	30.1	45.1

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#16

Acetone

Concen: 103.180 ug/l

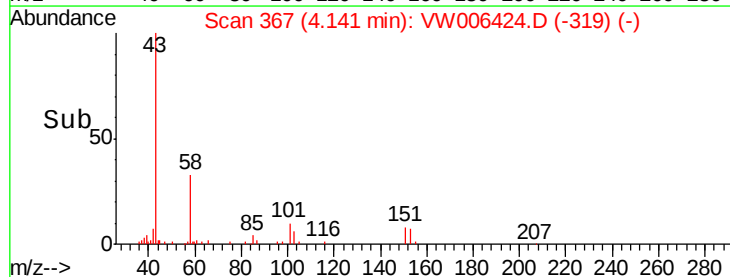
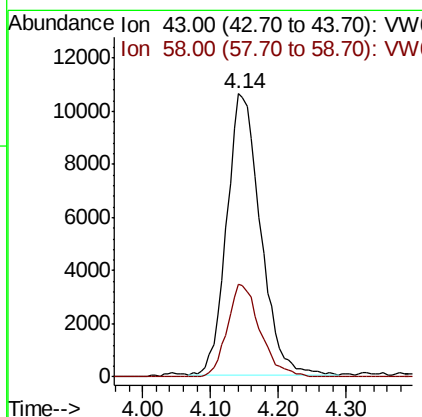
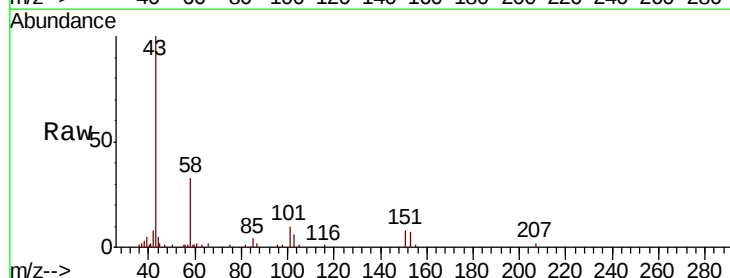
RT: 4.14 min Scan# 367

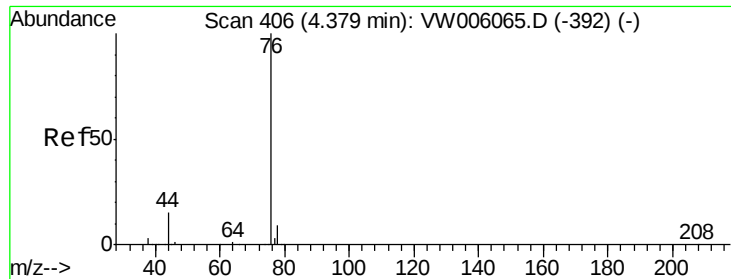
Delta R.T. -0.01 min

Lab File: VW006424.D

Acq: 27 Oct 2018 01:49

Tgt Ion:	43	Resp:	36384
Ion	Ratio	Lower	Upper
43	100		
58	32.8	24.0	36.0





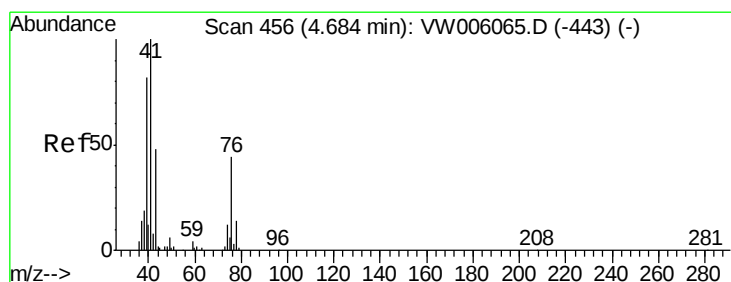
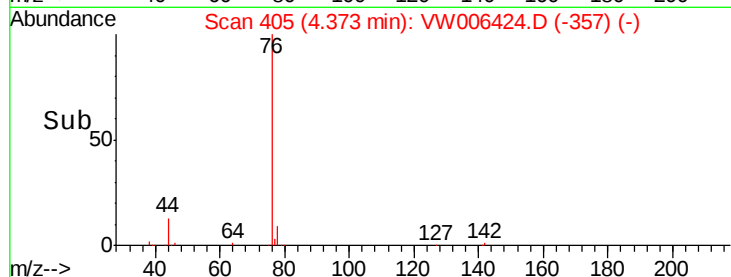
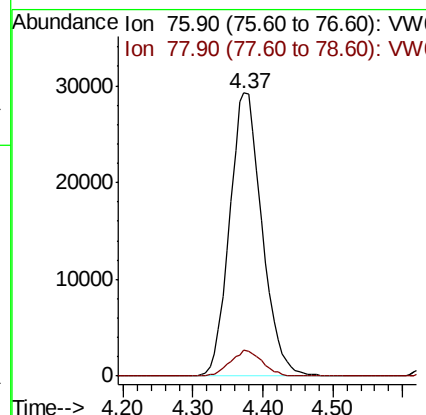
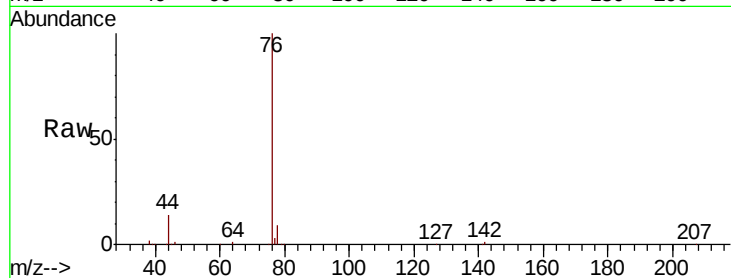
#17
Carbon Disulfide
Concen: 17.853 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW006424.D
Acq: 27 Oct 2018 01:49

Instrument :
MSVOA_W
ClientSampleId :
VW1029SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.5	11.3

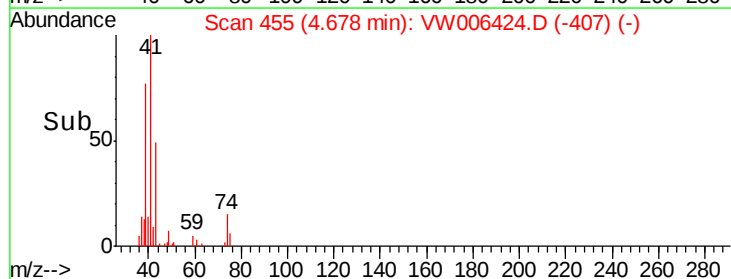
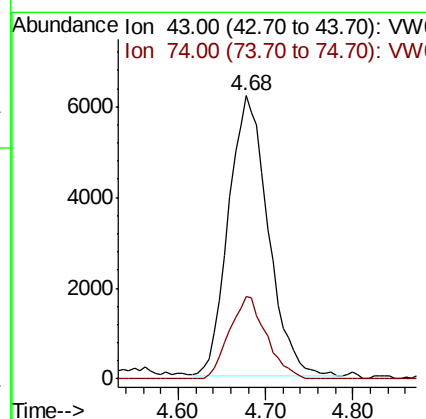
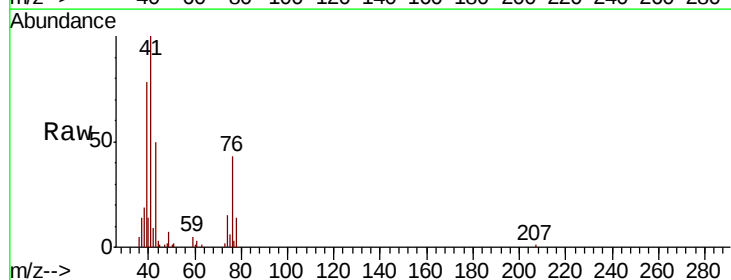
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#18
Methyl Acetate
Concen: 22.372 ug/l
RT: 4.68 min Scan# 455
Delta R.T. -0.01 min
Lab File: VW006424.D
Acq: 27 Oct 2018 01:49

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.2	20.5	30.7





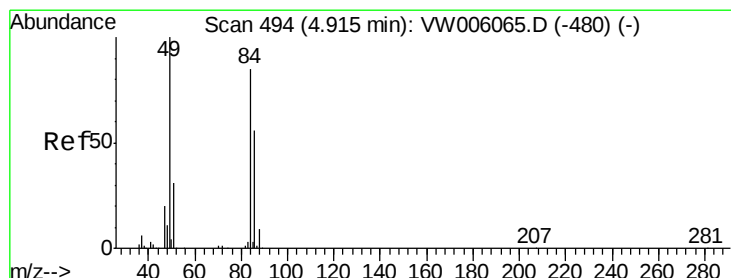
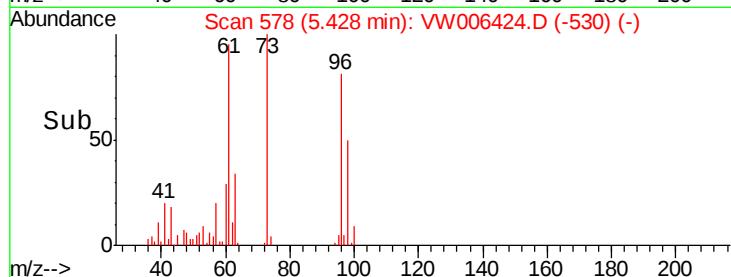
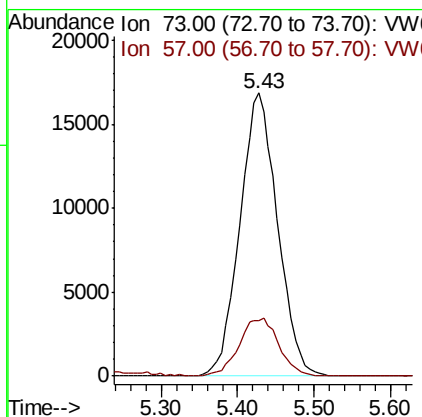
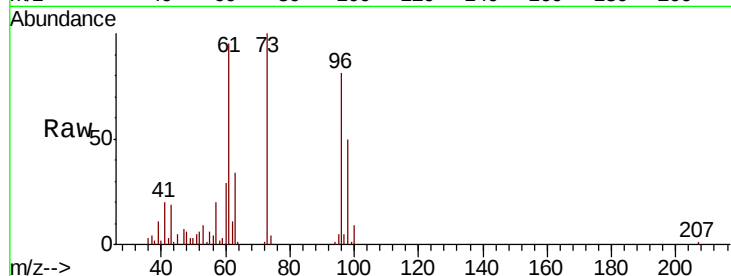
#19
Methyl tert-butyl Ether
Concen: 21.637 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW006424.D
Acq: 27 Oct 2018 01:49

Instrument :
MSVOA_W
ClientSampleId :
VW1029SBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	19.8	17.4	26.2

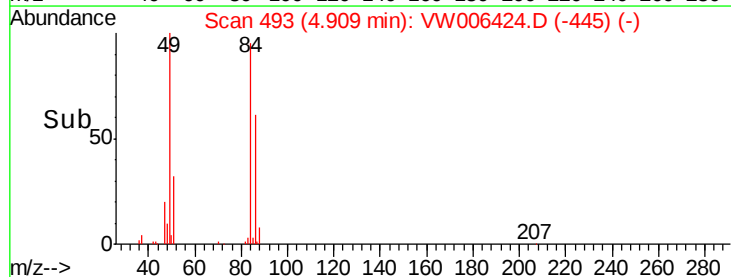
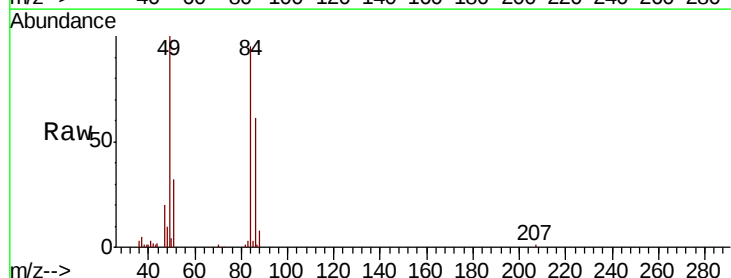
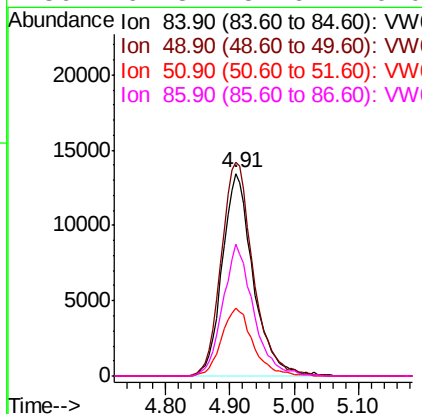
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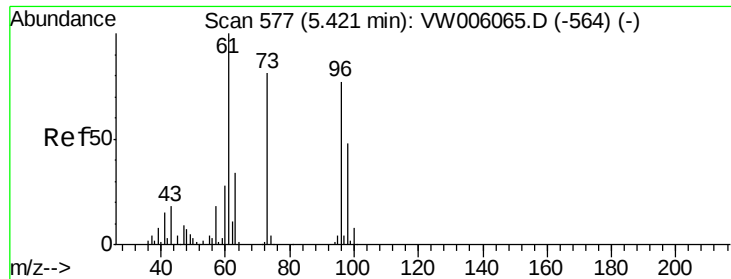
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#20
Methylene Chloride
Concen: 23.895 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW006424.D
Acq: 27 Oct 2018 01:49

Tgt Ion	Ratio	Lower	Upper
84	100		
49	105.4	93.6	140.4
51	33.8	29.0	43.4
86	64.8	52.6	79.0





#21

trans-1,2-Dichloroethene

Concen: 22.702 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW006424.D

Acq: 27 Oct 2018 01:49

Instrument :

MSVOA_W

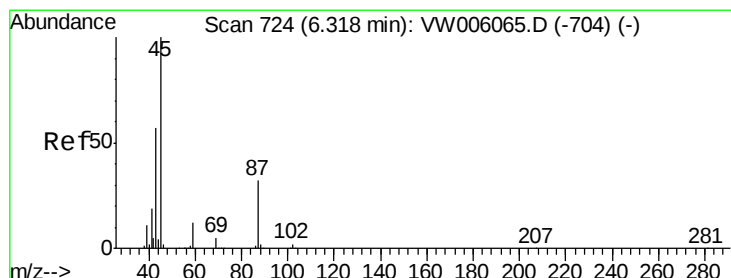
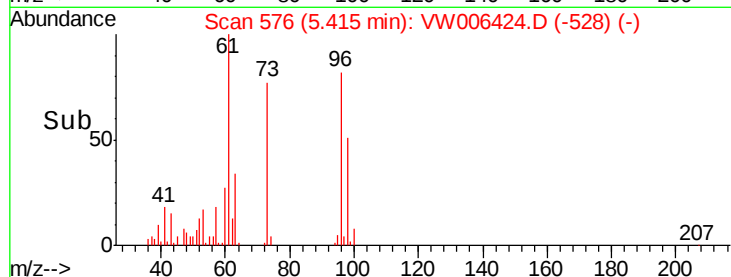
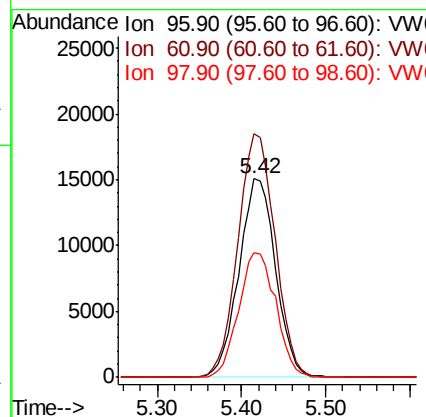
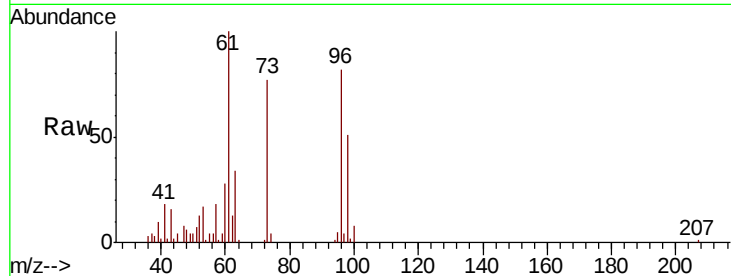
ClientSampleId :

VW1029SBS01

Tot Ion:	96	Resp:	44270
Ion	Ratio	Lower	Upper
96	100		
61	122.5	104.5	156.7
98	63.0	50.6	75.8

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#22

Diisopropyl ether

Concen: 22.048 ug/l

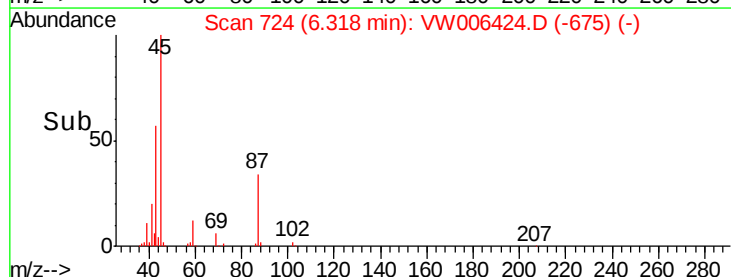
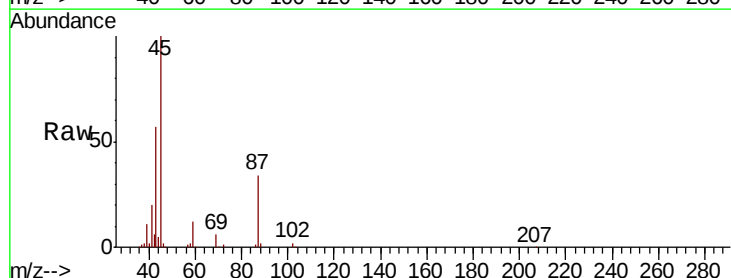
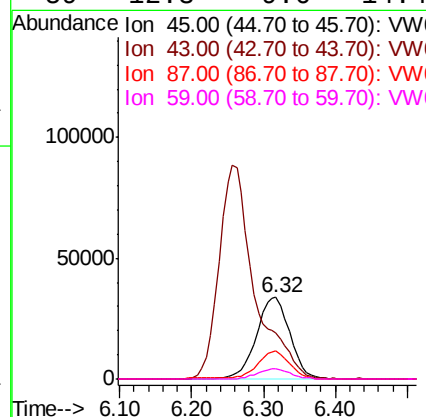
RT: 6.32 min Scan# 724

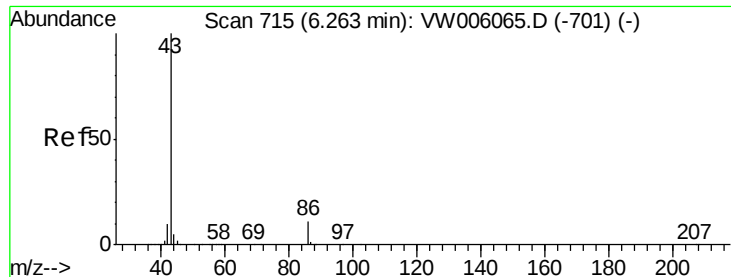
Delta R.T. -0.00 min

Lab File: VW006424.D

Acq: 27 Oct 2018 01:49

Tgt Ion:	45	Resp:	108838
Ion	Ratio	Lower	Upper
45	100		
43	56.2	45.7	68.5
87	34.2	25.9	38.9
59	12.3	9.6	14.4





#23

Vinyl Acetate

Concen: 104.318 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW006424.D

Acq: 27 Oct 2018 01:49

Instrument :

MSVOA_W

ClientSampleId :

VW1029SBS01

Tot Ion: 43 Resp: 303910

Ion Ratio Lower Upper

43 100

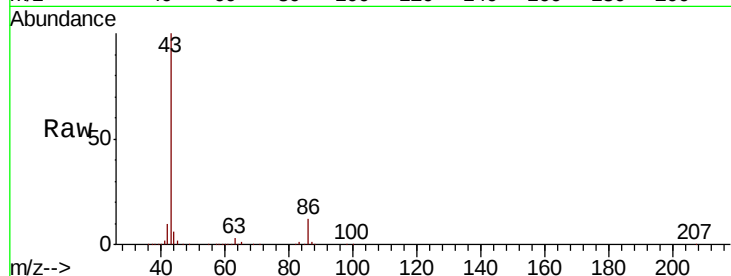
86 12.2 9.0 13.6

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

100000

80000

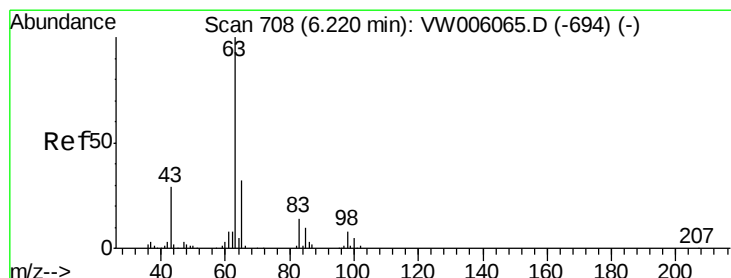
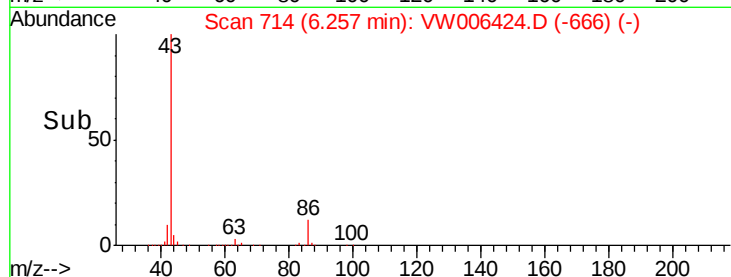
60000

40000

20000

0

Time-->



#24

1,1-Dichloroethane

Concen: 22.924 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW006424.D

Acq: 27 Oct 2018 01:49

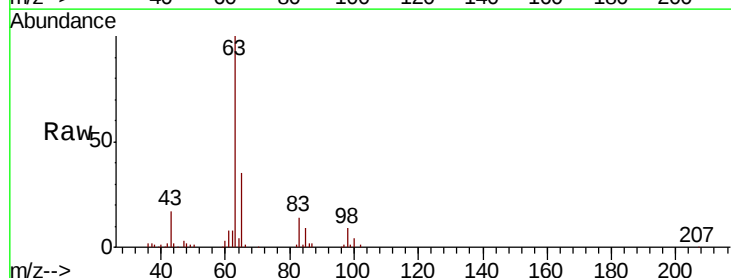
Tgt Ion: 63 Resp: 73022

Ion Ratio Lower Upper

63 100

98 8.8 3.8 11.2

100 4.0 2.5 7.5



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

6.21

30000

25000

20000

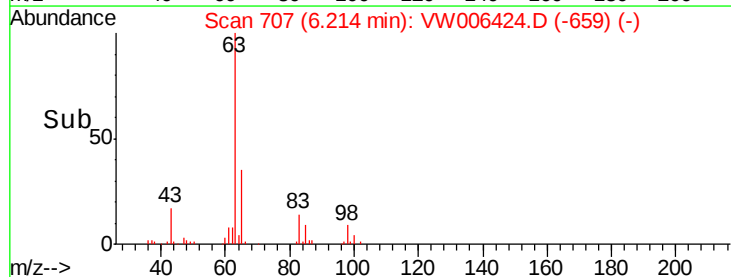
15000

10000

5000

0

Time-->





#25

2-Butanone

Concen: 109.457 ug/l

RT: 7.18 min Scan# 866

Delta R.T. -0.00 min

Lab File: VW006424.D

Acq: 27 Oct 2018 01:49

Instrument :

MSVOA_W

ClientSampleId :

VW1029SBS01

Tot Ion: 43 Resp: 51260

Ion Ratio Lower Upper

43 100

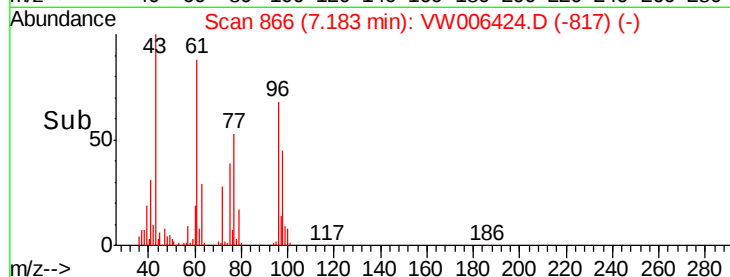
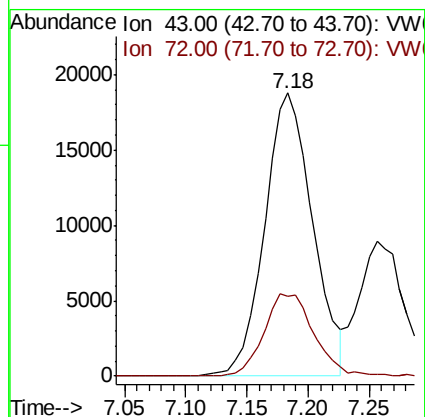
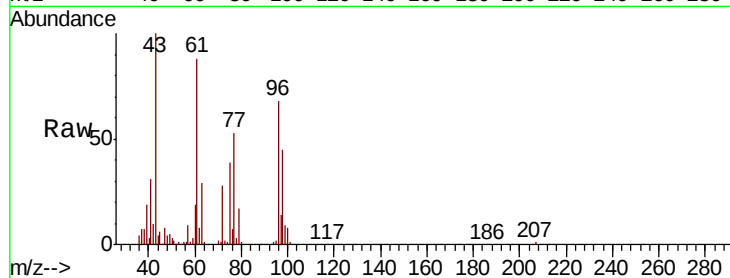
72 28.4 22.8 34.2

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#26

2,2-Dichloropropane

Concen: 19.161 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW006424.D

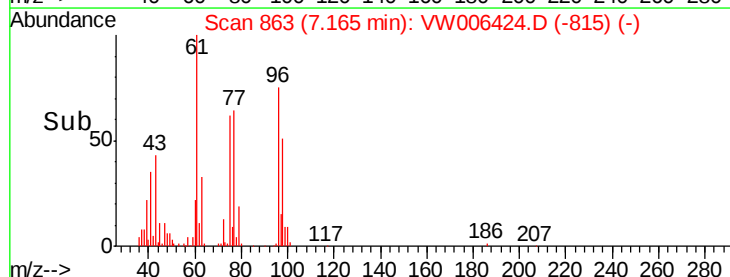
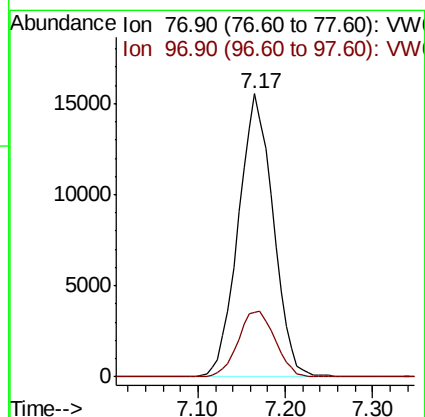
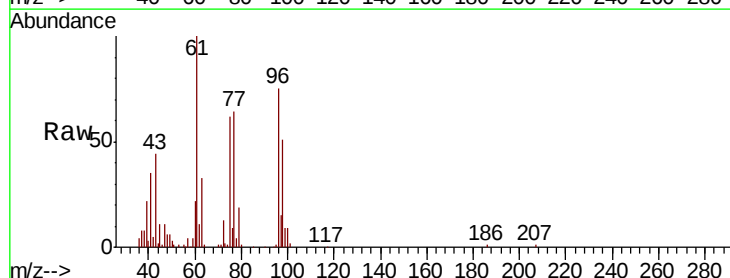
Acq: 27 Oct 2018 01:49

Tgt Ion: 77 Resp: 43048

Ion Ratio Lower Upper

77 100

97 24.5 12.2 36.4





#27

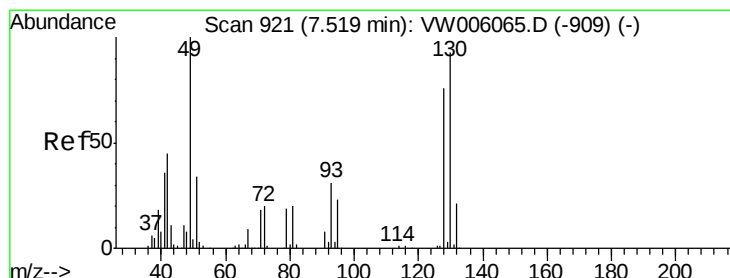
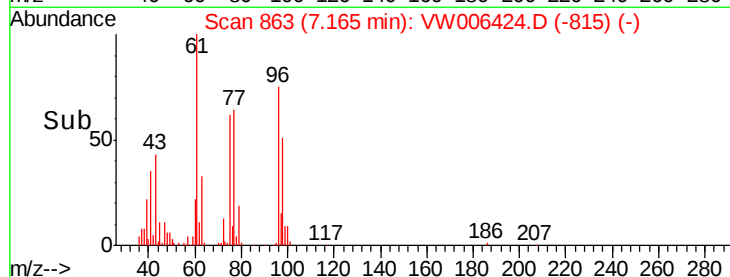
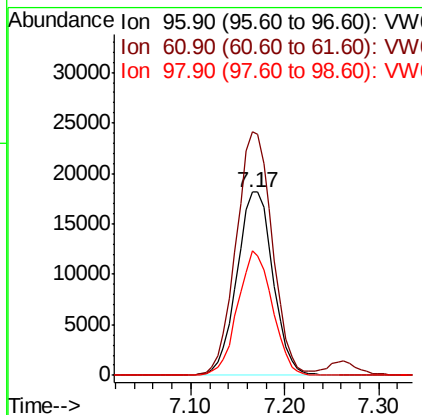
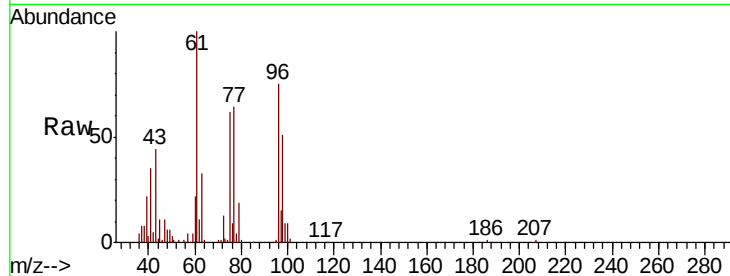
cis-1,2-Dichloroethene
Concen: 22.644 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW006424.D
Acq: 27 Oct 2018 01:49

Instrument :
MSVOA_W
ClientSampleId :
VW1029SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	133.3	0.0	267.2
98	65.1	0.0	128.6

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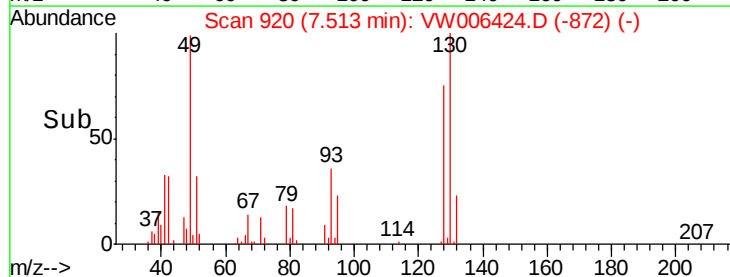
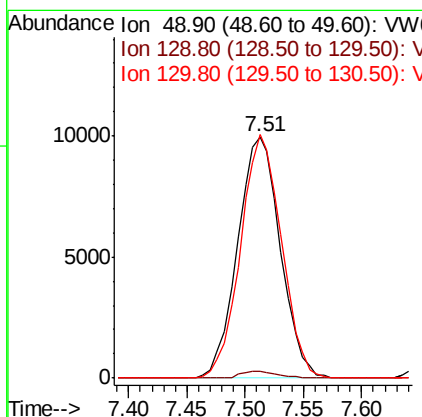
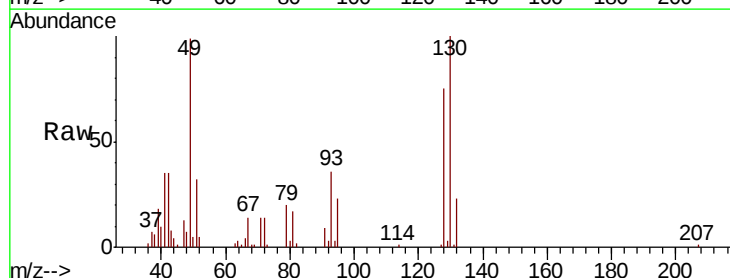
apatel
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#28

Bromochloromethane
Concen: 20.578 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.01 min
Lab File: VW006424.D
Acq: 27 Oct 2018 01:49

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	5.0
130	96.9	73.8	110.8





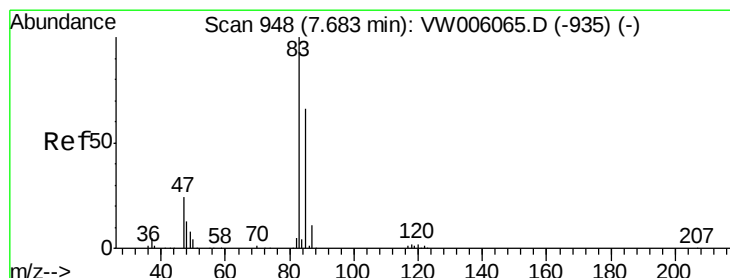
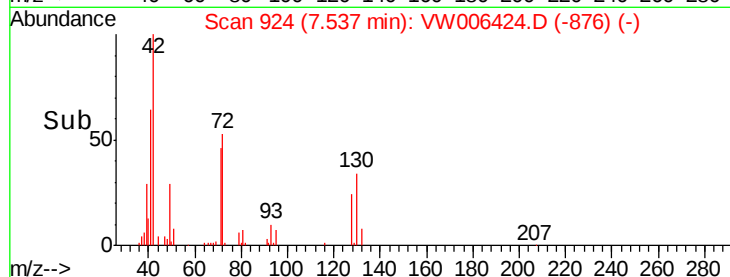
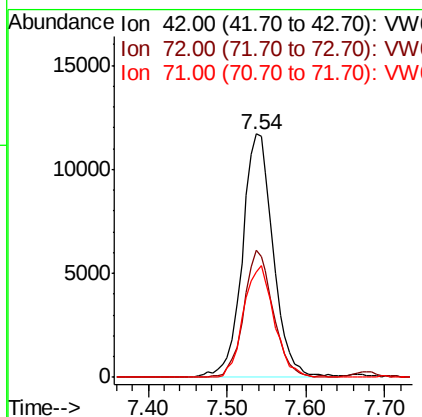
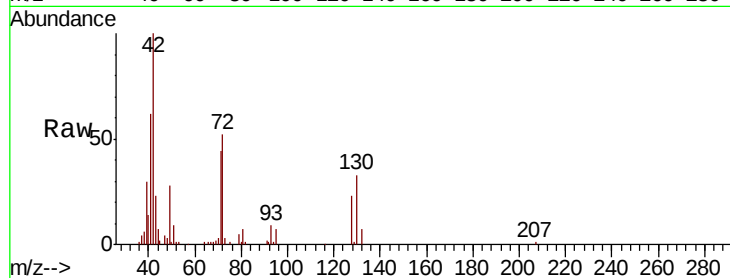
#29
Tetrahydrofuran
Concen: 110.571 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.01 min
Lab File: VW006424.D
Acq: 27 Oct 2018 01:49

Instrument :
MSVOA_W
ClientSampleId :
VW1029SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	49.3	38.0	57.0
71	45.5	35.3	52.9

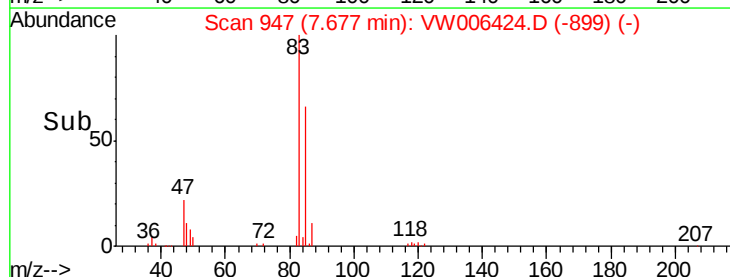
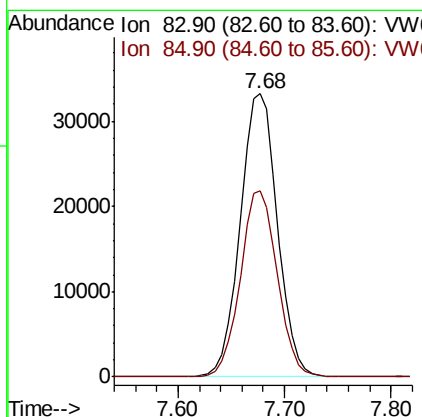
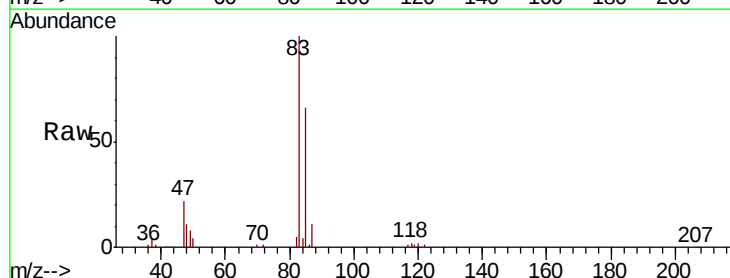
Manual Integrations
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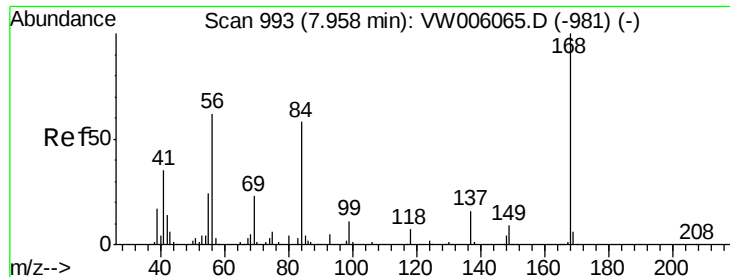
apatel
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#30
Chloroform
Concen: 23.425 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.01 min
Lab File: VW006424.D
Acq: 27 Oct 2018 01:49

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.7	52.6	79.0





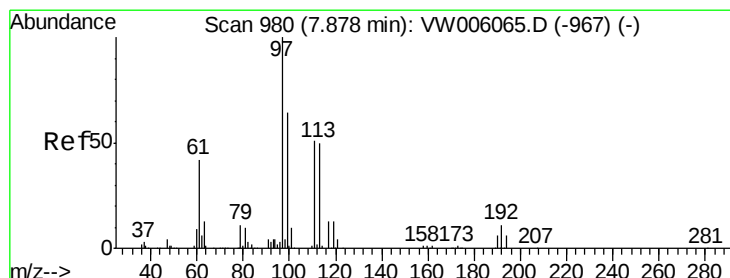
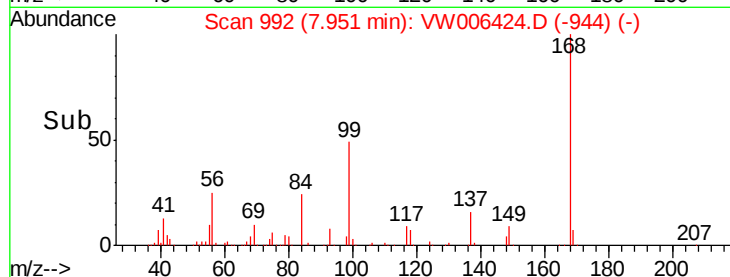
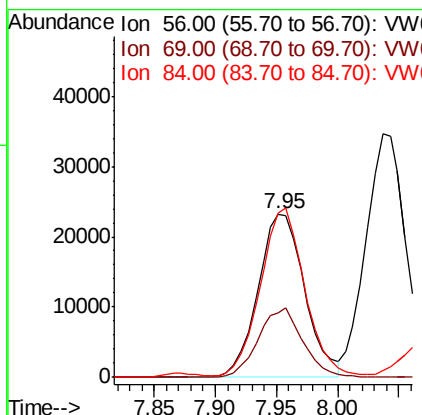
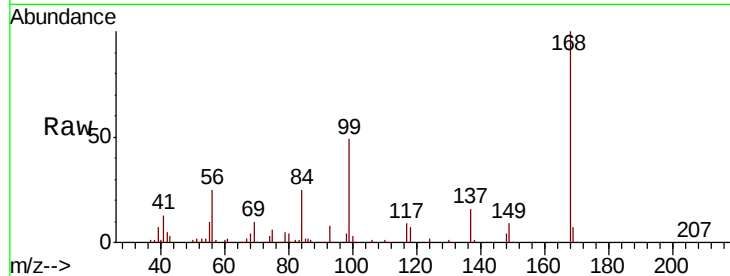
#31
Cyclohexane
Concen: 19.445 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006424.D
Acq: 27 Oct 2018 01:49

Instrument :
MSVOA_W
ClientSampleId :
VW1029SBS01

Tot Ion	56	Resp	61683
Ion	Ratio	Lower	Upper
56	100		
69	39.4	29.4	44.0
84	98.6	74.0	111.0

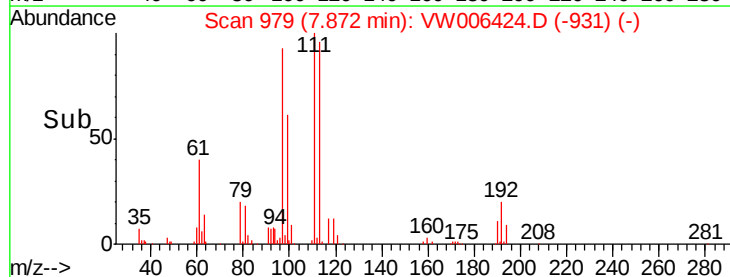
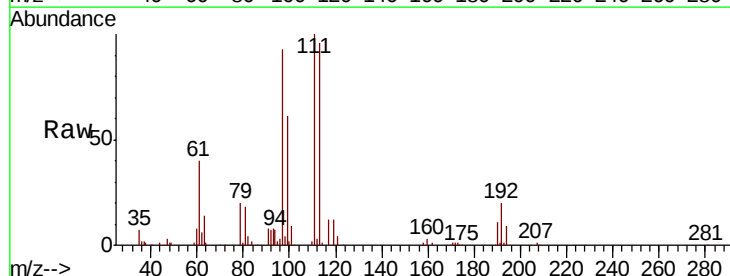
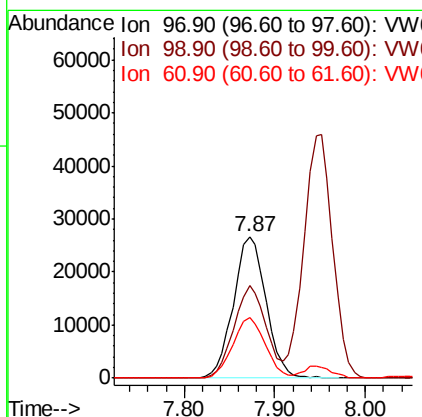
Manual Integrations
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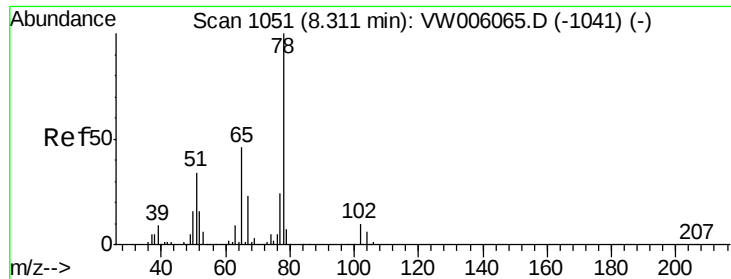
apatel
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#32
1,1,1-Trichloroethane
Concen: 21.228 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.01 min
Lab File: VW006424.D
Acq: 27 Oct 2018 01:49

Tgt Ion	97	Resp	66455
Ion	Ratio	Lower	Upper
97	100		
99	64.7	50.9	76.3
61	43.0	33.7	50.5





#33

1,2-Dichloroethane-d4

Concen: 51.036 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW006424.D

Acq: 27 Oct 2018 01:49

Instrument :

MSVOA_W

ClientSampleId :

VW1029SBS01

Tot Ion: 65 Resp: 88473

Ion Ratio Lower Upper

65 100

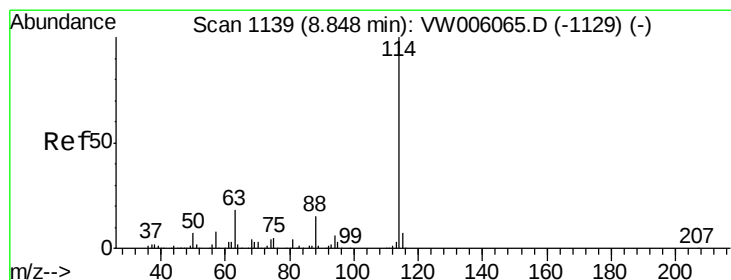
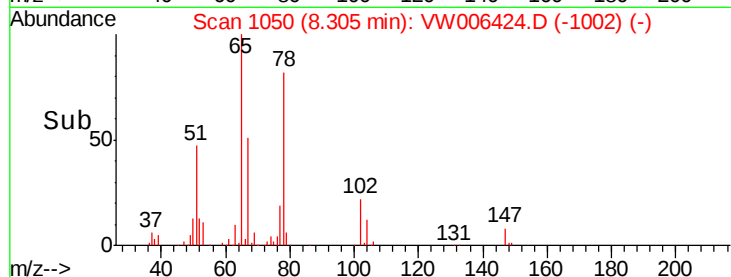
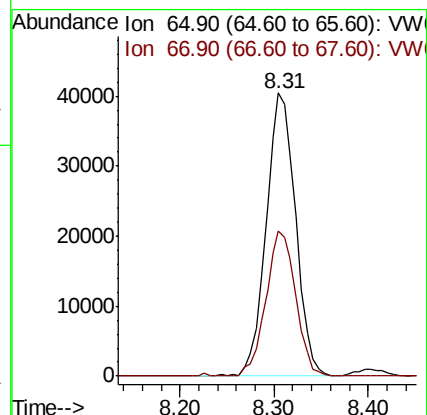
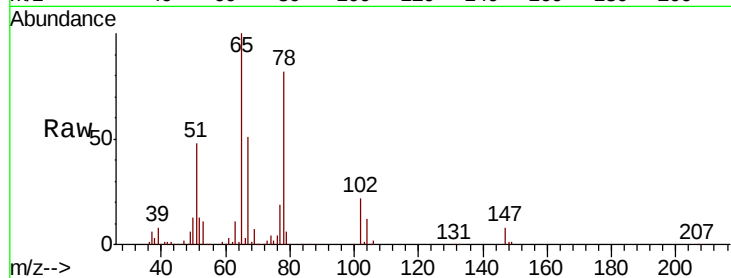
67 51.7 0.0 101.0

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.01 min

Lab File: VW006424.D

Acq: 27 Oct 2018 01:49

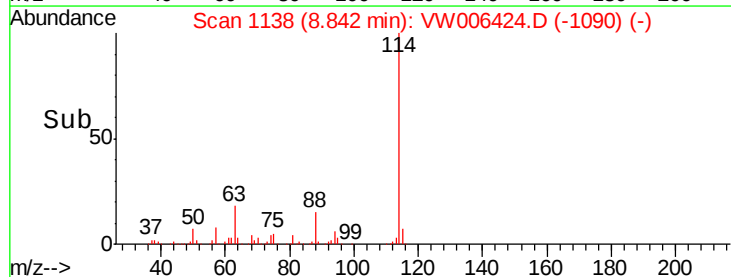
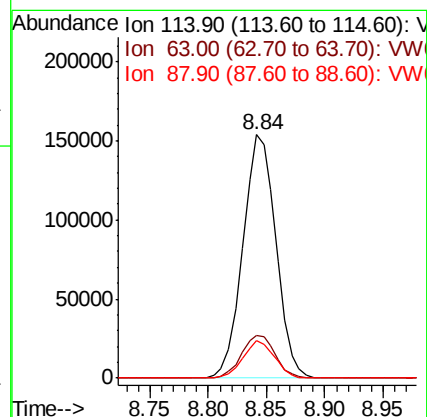
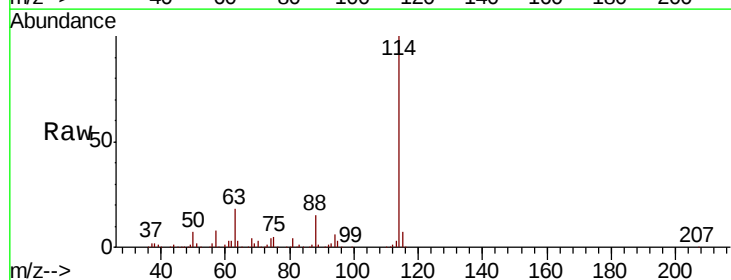
Tgt Ion: 114 Resp: 304310

Ion Ratio Lower Upper

114 100

63 17.7 0.0 36.8

88 15.2 0.0 29.0





#35

Dibromofluoromethane

Concen: 50.896 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006424.D

Acq: 27 Oct 2018 01:49

Instrument :

MSVOA_W

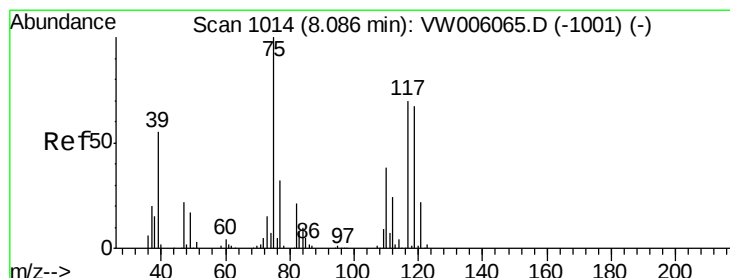
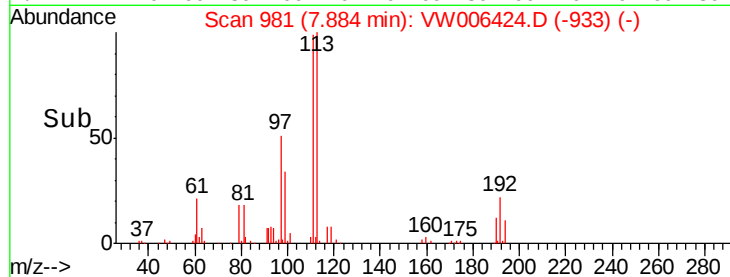
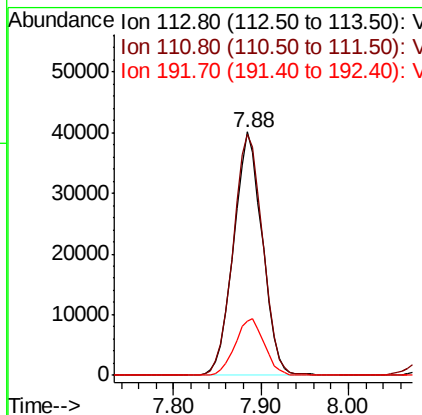
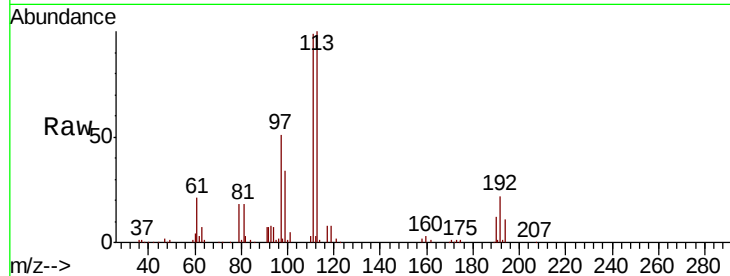
ClientSampleId :

VW1029SBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.4	122.0
192	23.5	18.7	28.1

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 21.757 ug/l

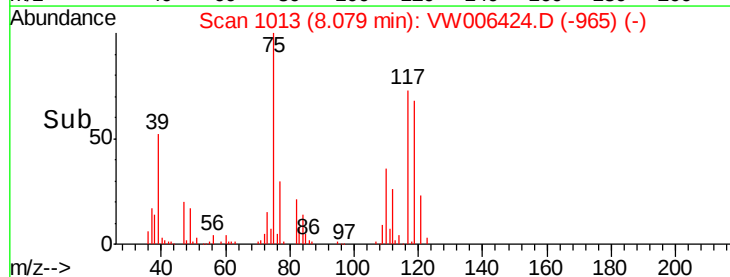
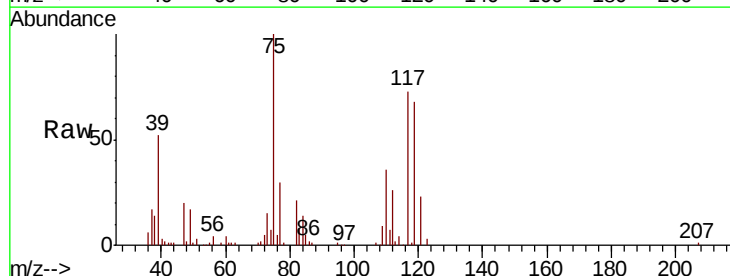
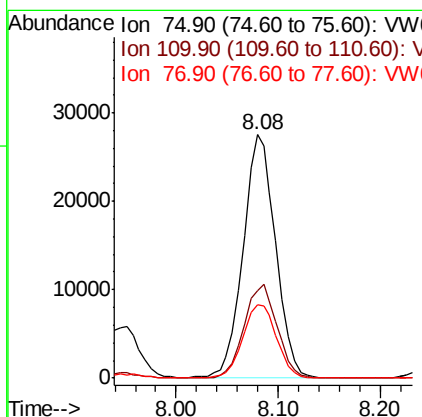
RT: 8.08 min Scan# 1013

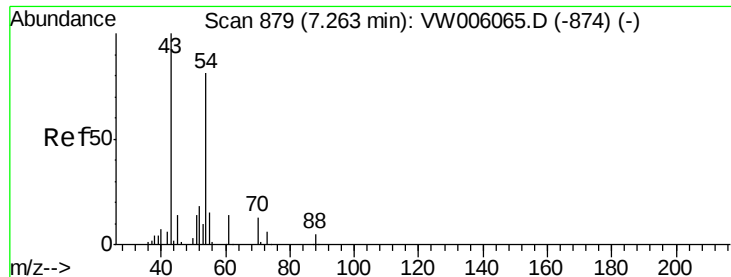
Delta R.T. -0.01 min

Lab File: VW006424.D

Acq: 27 Oct 2018 01:49

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.9	19.1	57.1
77	31.4	25.0	37.4





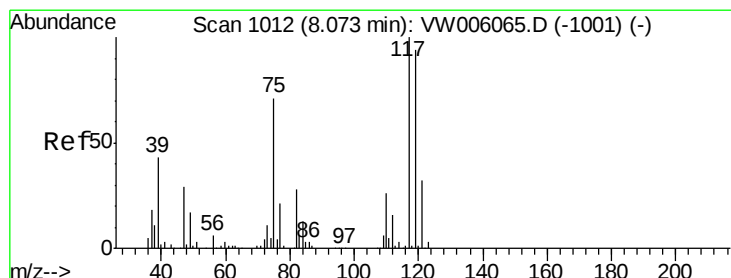
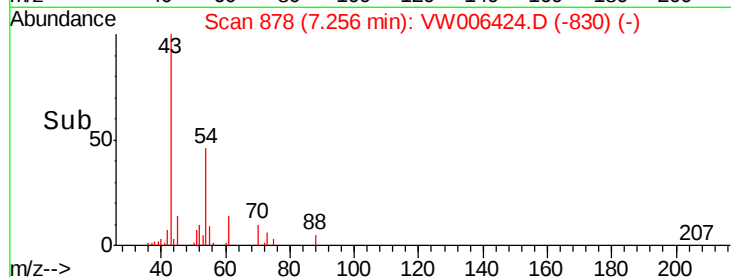
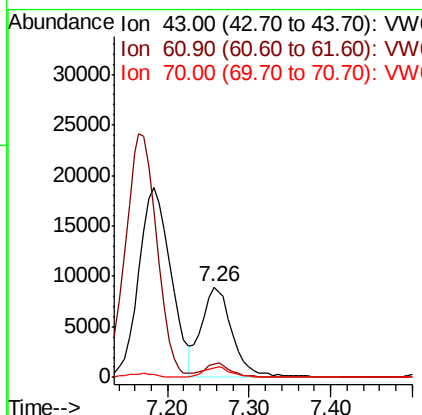
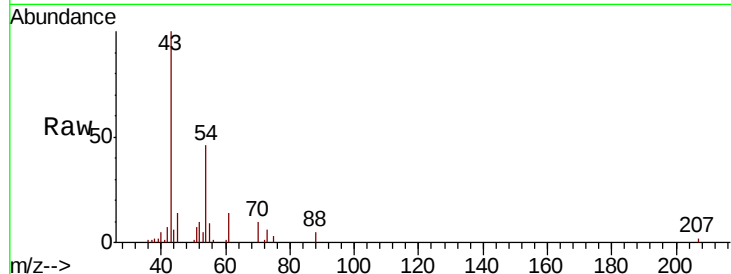
#37
Ethyl Acetate
Concen: 22.959 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.01 min
Lab File: VW006424.D
Acq: 27 Oct 2018 01:49

Instrument :
MSVOA_W
ClientSampleId :
VW1029SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.9	11.5	17.3
70	10.3	9.2	13.8

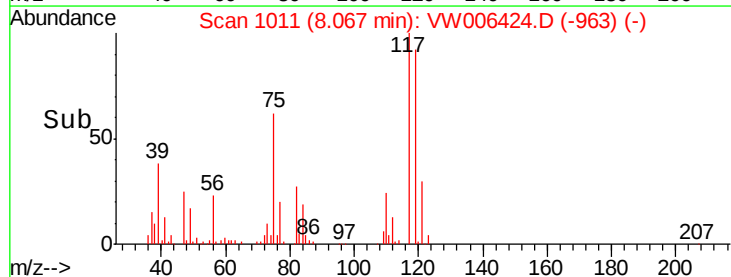
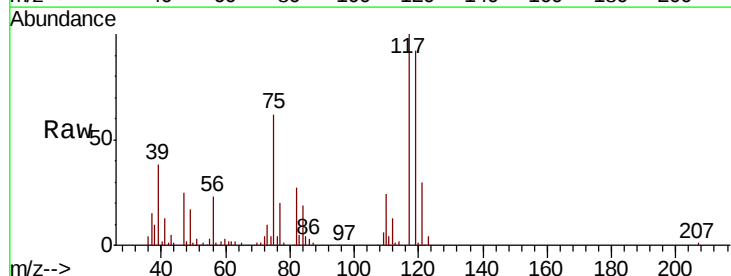
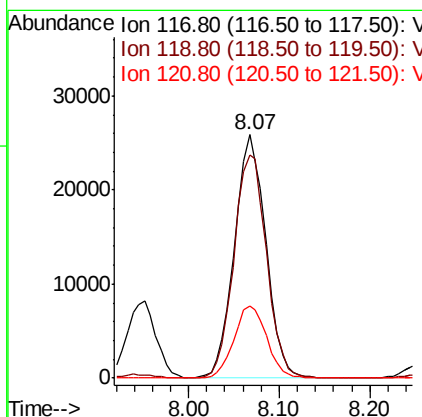
Manual Integrations
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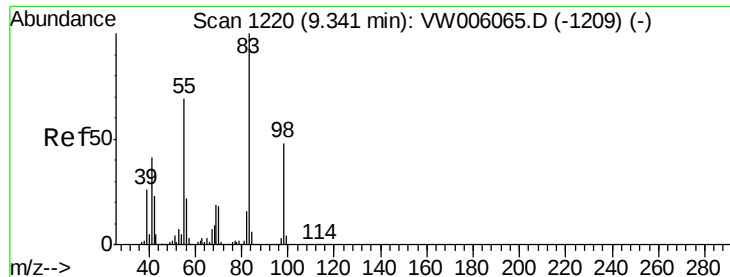
apatel
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#38
Carbon Tetrachloride
Concen: 20.225 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW006424.D
Acq: 27 Oct 2018 01:49

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.6	75.2	112.8
121	29.6	25.3	37.9





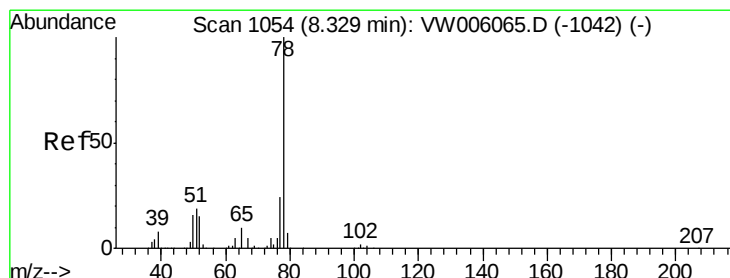
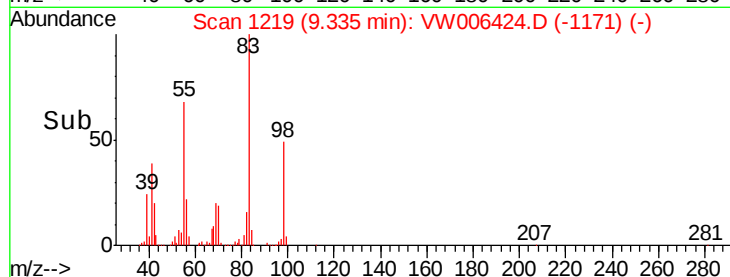
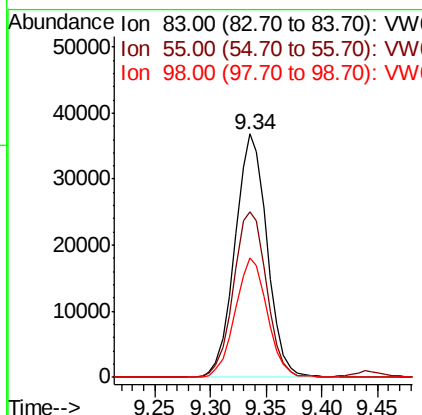
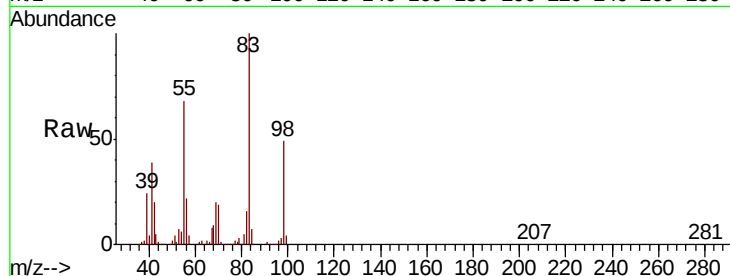
#39
Methvlcvclohexane
Concen: 19.715 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006424.D
Acq: 27 Oct 2018 01:49

Instrument :
MSVOA_W
ClientSampleId :
VW1029SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	68.0	55.0	82.6
98	49.2	38.6	57.8

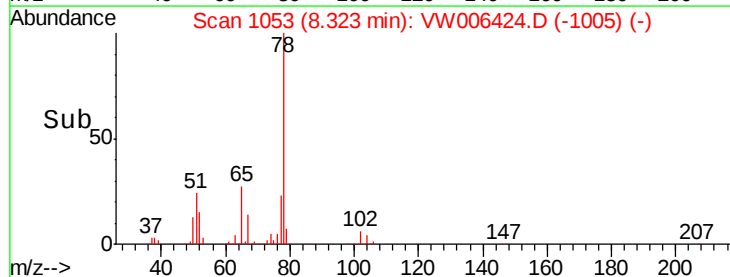
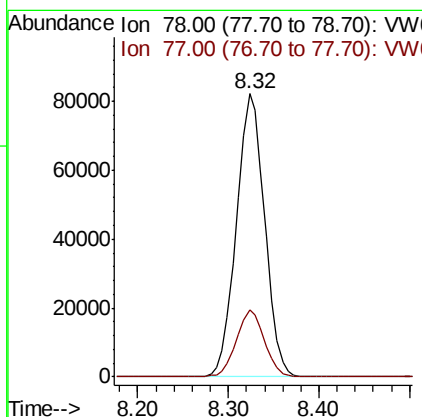
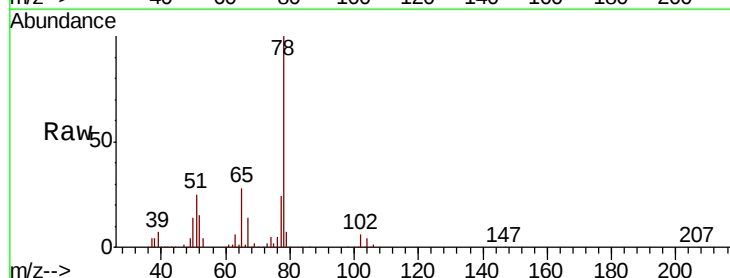
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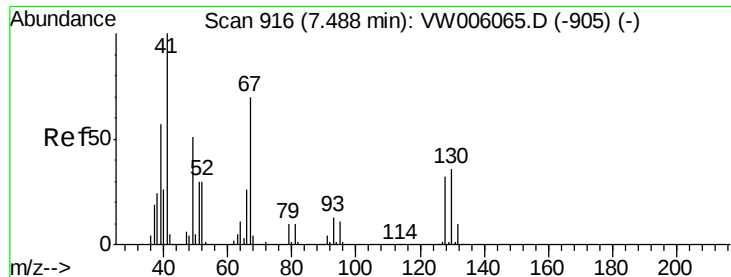
apatel
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#40
Benzene
Concen: 23.021 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW006424.D
Acq: 27 Oct 2018 01:49

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.4	29.0





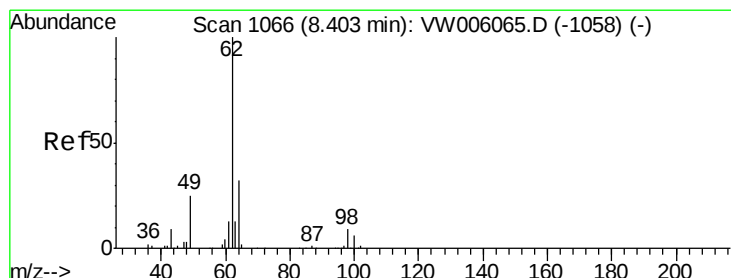
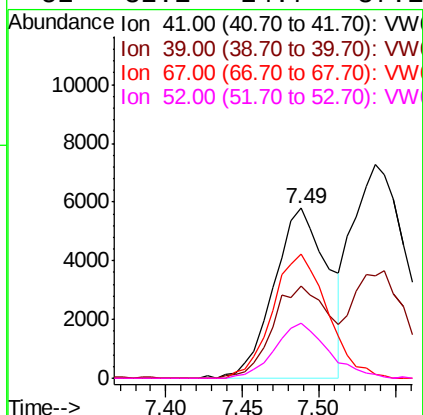
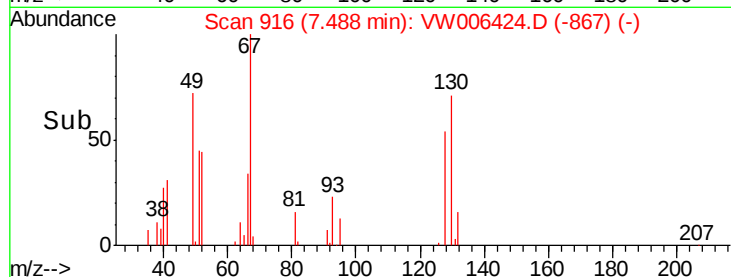
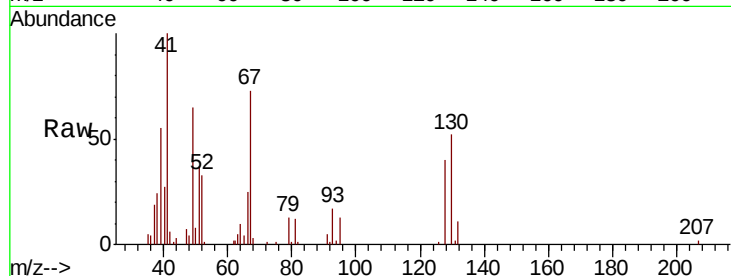
#41
Methacrylonitrile
Concen: 22.605 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.00 min
Lab File: VW006424.D
Acq: 27 Oct 2018 01:49

Instrument :
MSVOA_W
ClientSampleId :
VW1029SBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	56.4	46.2	69.4
67	74.3	57.7	86.5
52	32.1	24.7	37.1

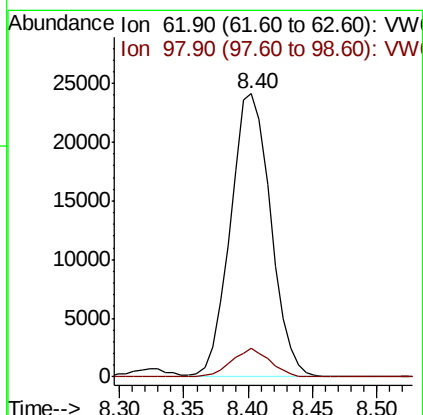
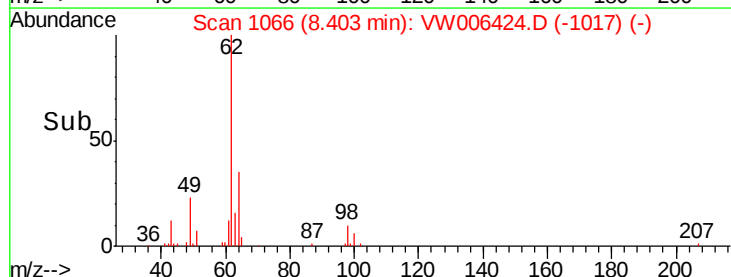
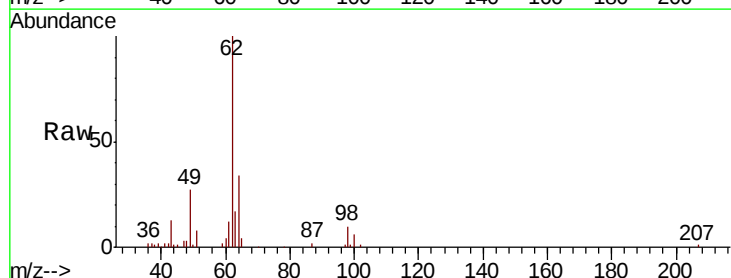
Manual Integrations
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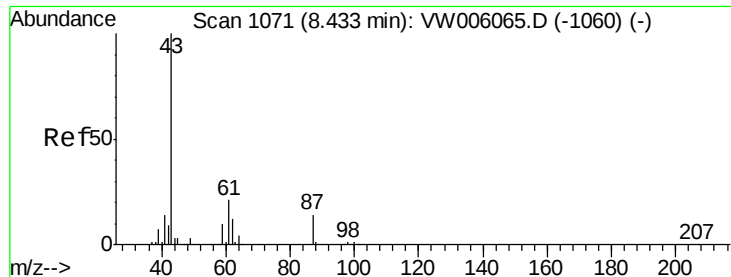
apatel
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#42
1,2-Dichloroethane
Concen: 23.203 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW006424.D
Acq: 27 Oct 2018 01:49

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	18.4





#43

Isopropyl Acetate

Concen: 20.525 ug/l

RT: 8.43 min Scan# 1071

Delta R.T. -0.00 min

Lab File: VW006424.D

Acq: 27 Oct 2018 01:49

Instrument :

MSVOA_W

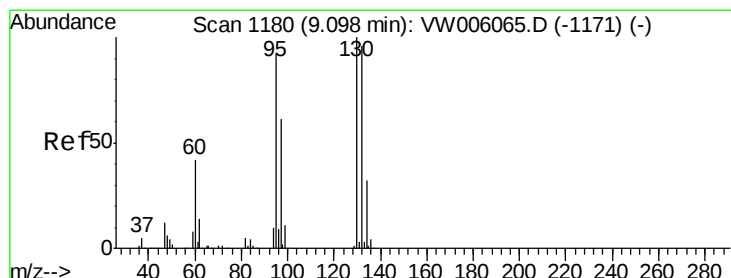
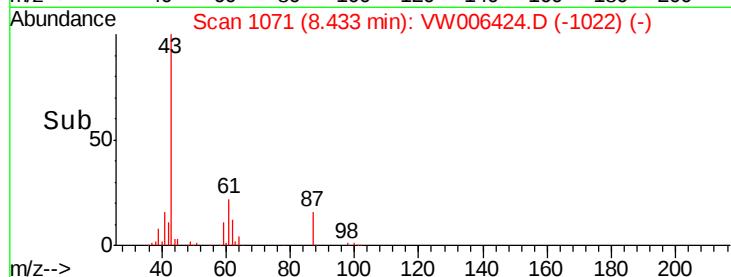
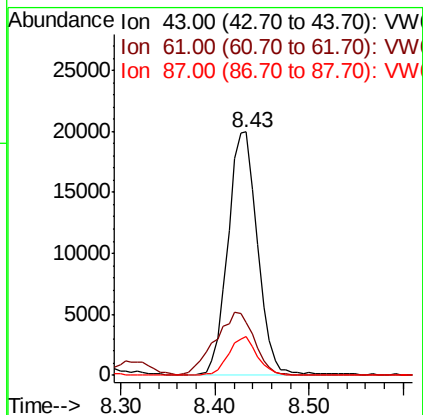
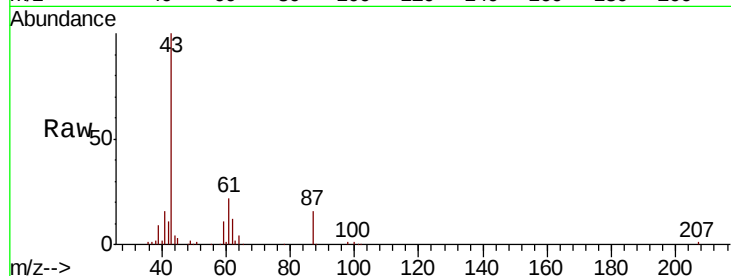
ClientSampleId :

VW1029SBS01

Tot Ion:	43	Resp:	43735
Ion	Ratio	Lower	Upper
43	100		
61	34.0	25.5	38.3
87	15.2	11.7	17.5

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#44

Trichloroethene

Concen: 22.502 ug/l

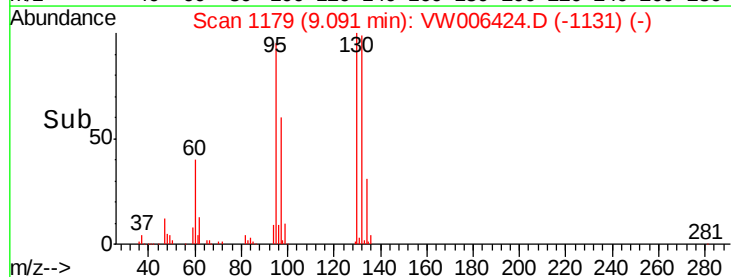
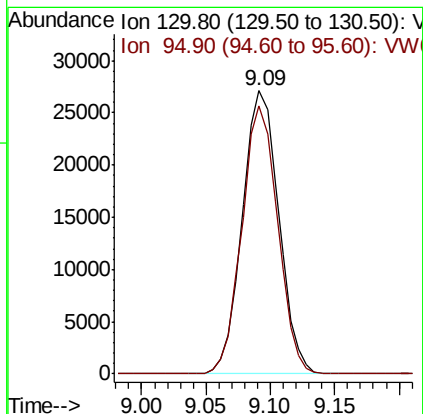
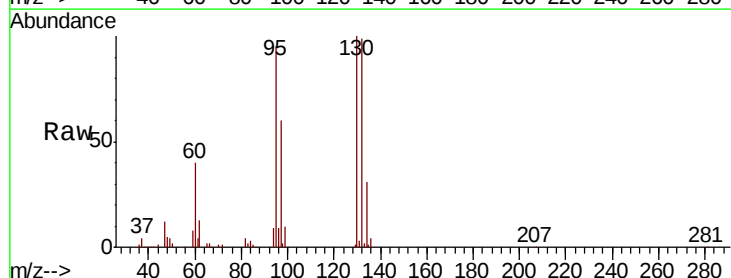
RT: 9.09 min Scan# 1179

Delta R.T. -0.01 min

Lab File: VW006424.D

Acq: 27 Oct 2018 01:49

Tgt Ion:	130	Resp:	53116
Ion	Ratio	Lower	Upper
130	100		
95	94.7	0.0	183.2





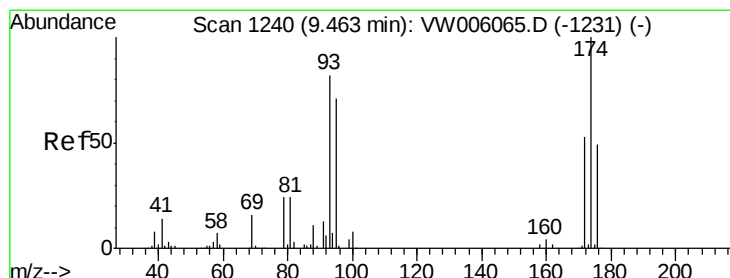
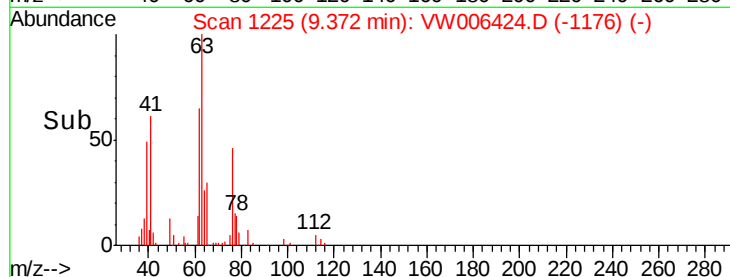
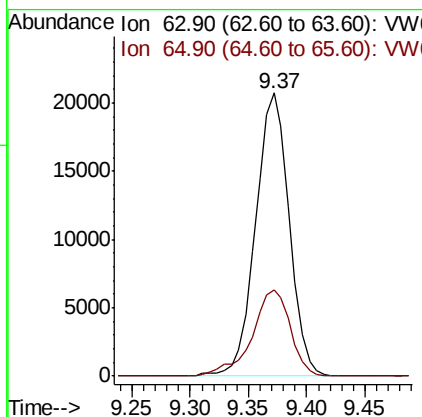
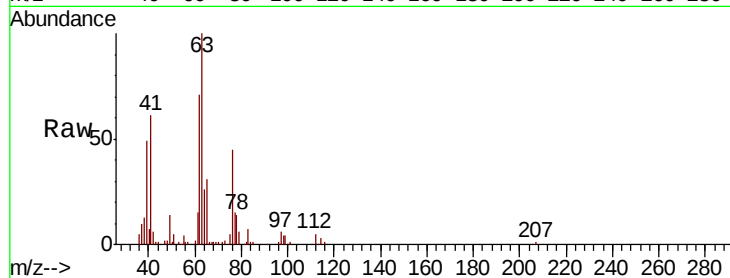
#45
 1,2-Dichloropropane
 Concen: 22.643 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW006424.D
 Acq: 27 Oct 2018 01:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1029SBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.6	25.4	38.0

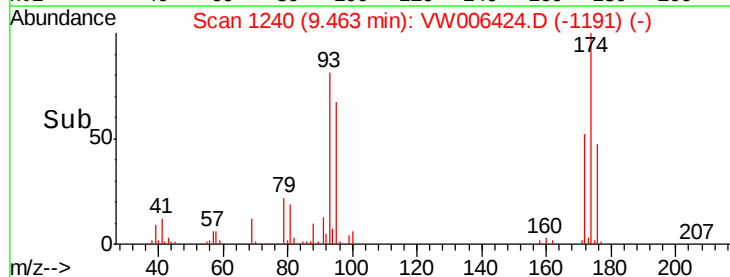
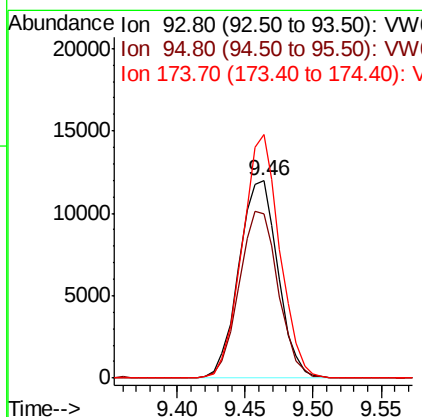
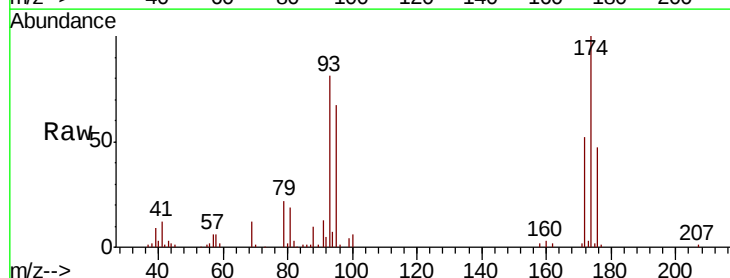
Manual Integrations
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#46
 Dibromomethane
 Concen: 22.971 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VW006424.D
 Acq: 27 Oct 2018 01:49

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.5	67.7	101.5
174	118.3	93.7	140.5





#47

Bromodichloromethane

Concen: 21.497 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW006424.D

Acq: 27 Oct 2018 01:49

Instrument :

MSVOA_W

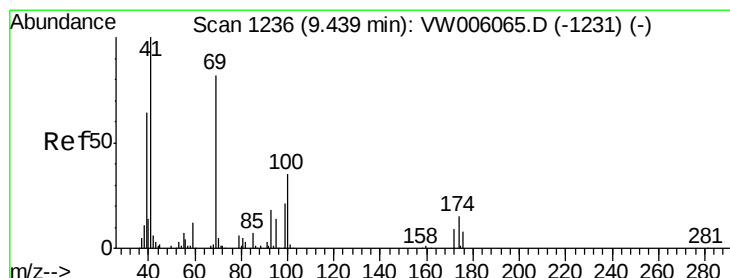
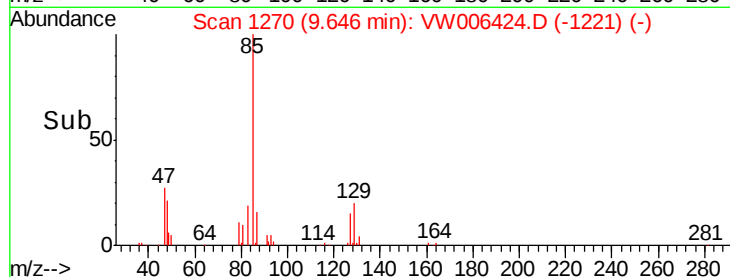
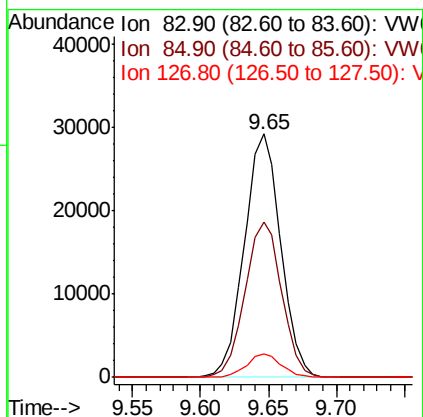
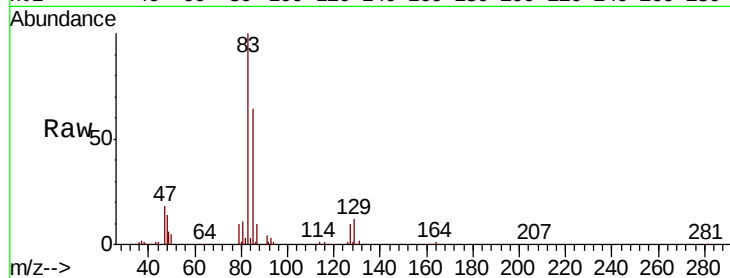
ClientSampleId :

VW1029SBS01

Tot Ion:	83	Resp:	54691
Ion	Ratio	Lower	Upper
83	100		
85	63.9	51.8	77.8
127	9.8	6.9	10.3

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#48

Methyl methacrylate

Concen: 21.076 ug/l

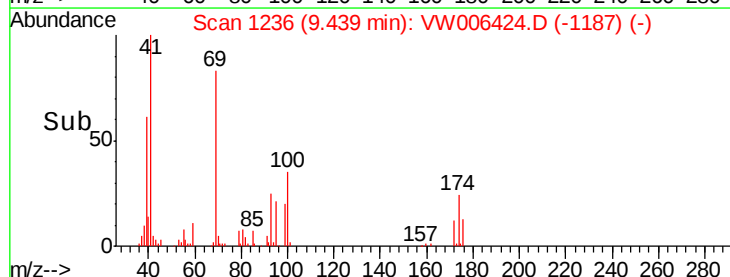
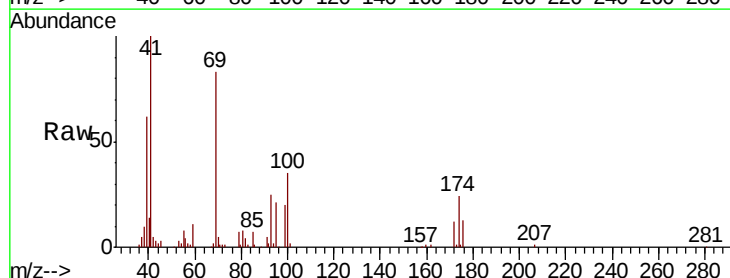
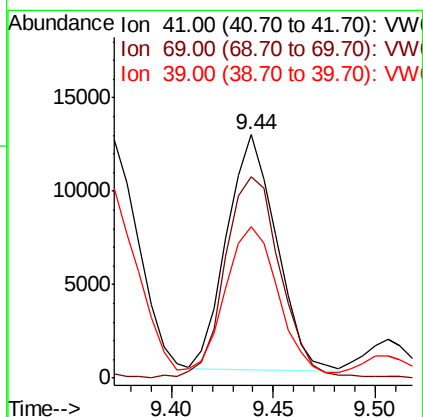
RT: 9.44 min Scan# 1236

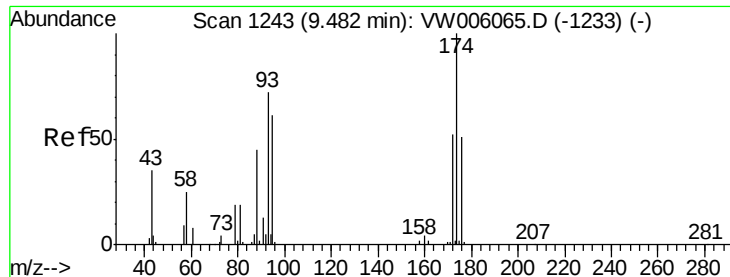
Delta R.T. -0.00 min

Lab File: VW006424.D

Acq: 27 Oct 2018 01:49

Tgt Ion:	41	Resp:	21287
Ion	Ratio	Lower	Upper
41	100		
69	95.5	71.8	107.8
39	70.7	52.5	78.7





#49

1,4-Dioxane

Concen: 466.250 ug/l

RT: 9.49 min Scan# 1244

Delta R.T. 0.01 min

Lab File: VW006424.D

Acq: 27 Oct 2018 01:49

Instrument :

MSVOA_W

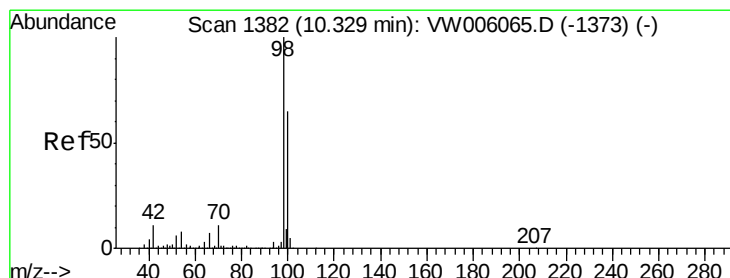
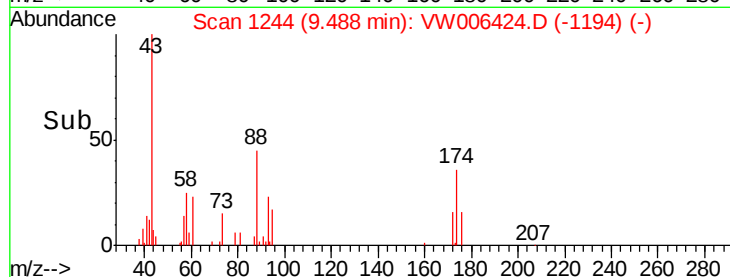
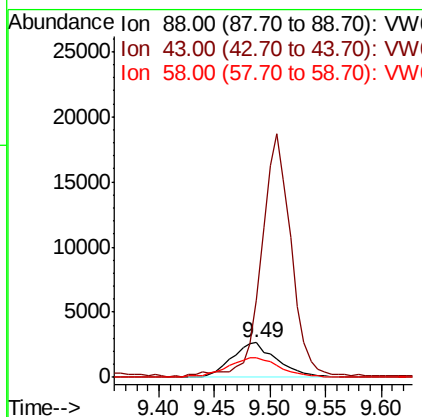
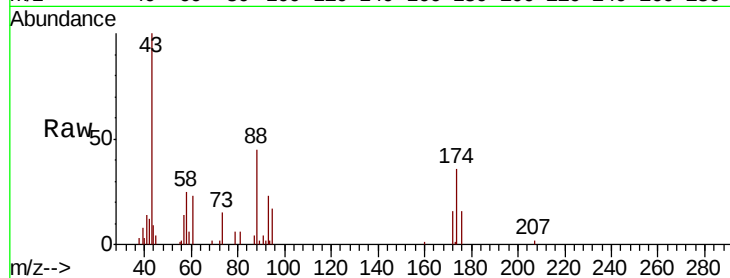
ClientSampleId :

VW1029SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	64.5	51.2	76.8

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#50

Toluene-d8

Concen: 48.738 ug/l

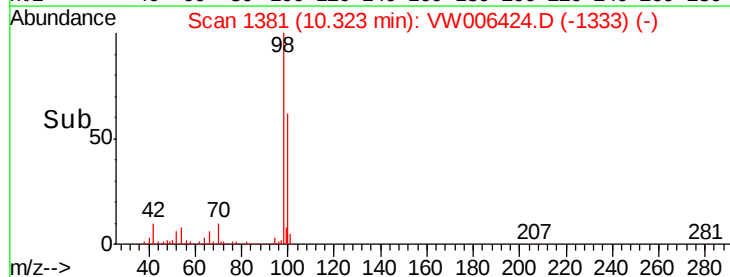
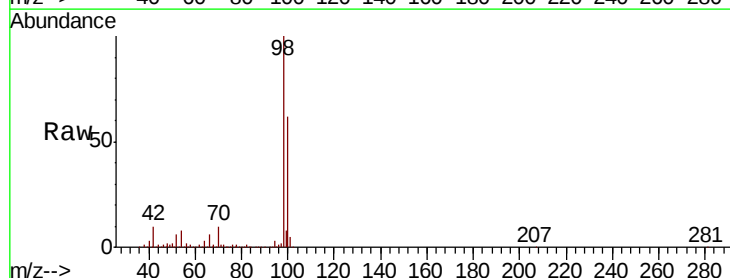
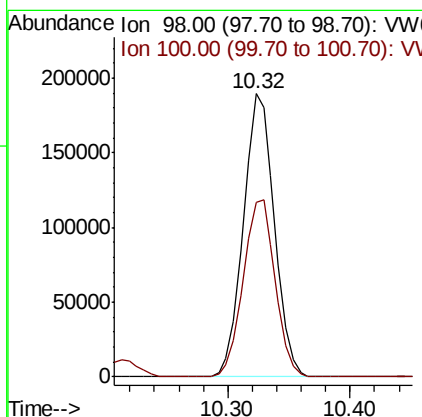
RT: 10.32 min Scan# 1381

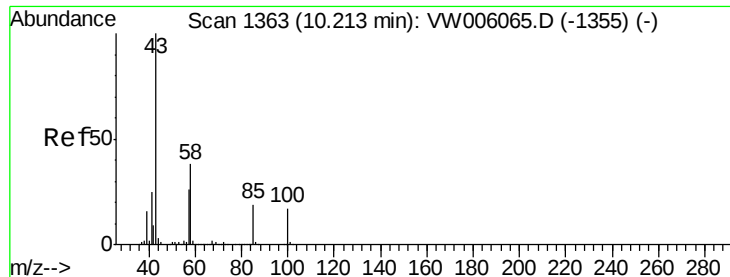
Delta R.T. -0.01 min

Lab File: VW006424.D

Acq: 27 Oct 2018 01:49

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 108.937 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW006424.D

Acq: 27 Oct 2018 01:49

Instrument :

MSVOA_W

ClientSampleId :

VW1029SBS01

Tot Ion: 43 Resp: 116301

Ion Ratio Lower Upper

43 100

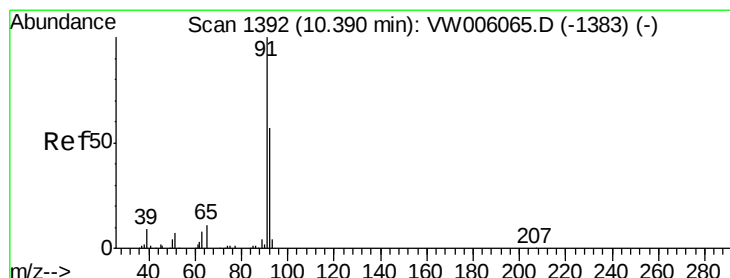
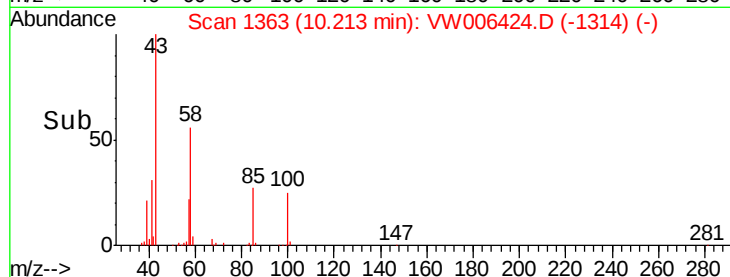
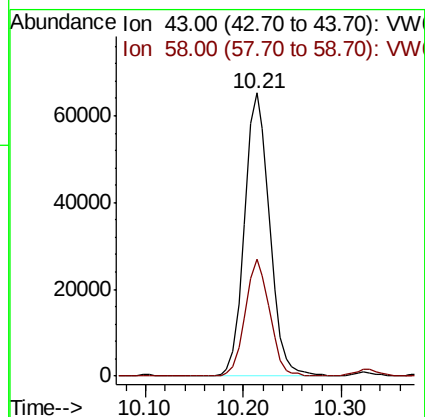
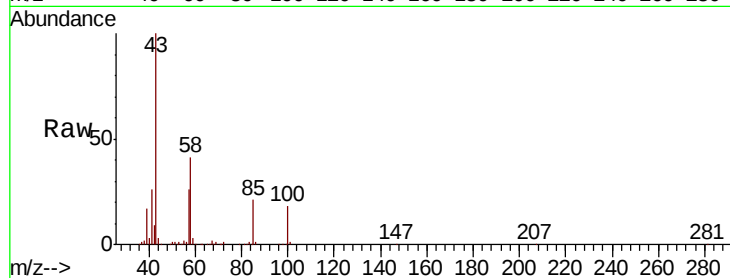
58 40.3 31.5 47.3

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#52

Toluene

Concen: 22.353 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW006424.D

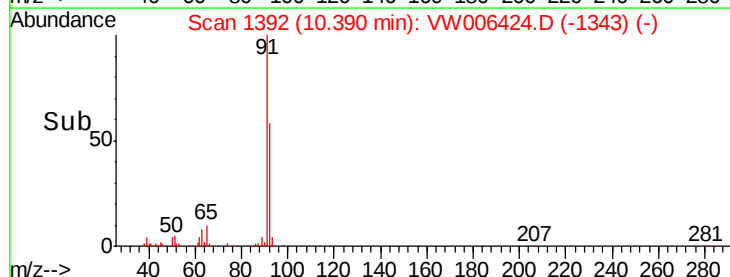
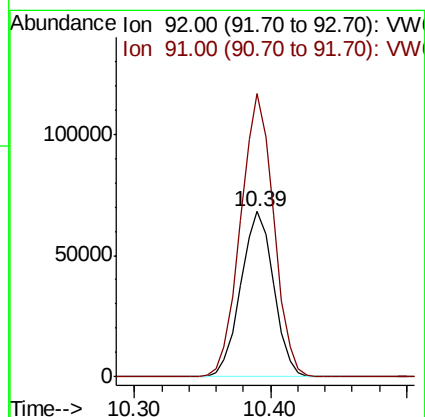
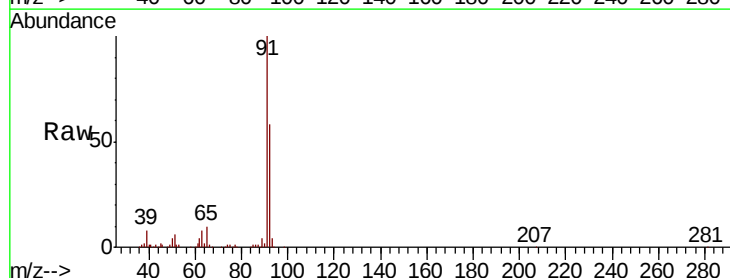
Acq: 27 Oct 2018 01:49

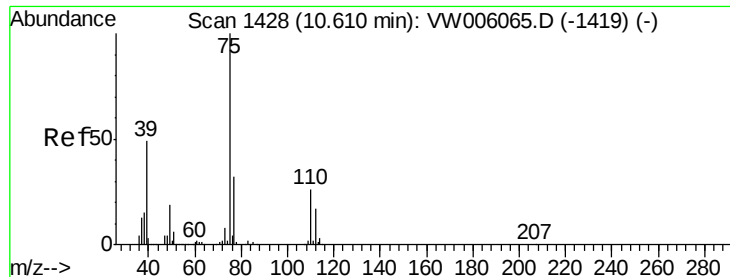
Tgt Ion: 92 Resp: 115303

Ion Ratio Lower Upper

92 100

91 172.0 140.0 210.0





#53

t-1,3-Dichloropropene

Concen: 19.946 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW006424.D

Acq: 27 Oct 2018 01:49

Instrument :

MSVOA_W

ClientSampleId :

VW1029SBS01

Tot Ion: 75 Resp: 50559

Ion Ratio Lower Upper

75 100

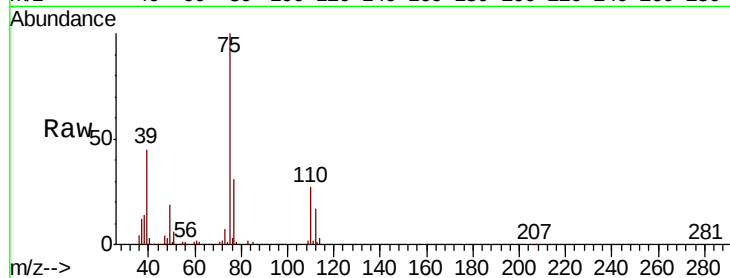
77 30.8 25.4 38.2

Manual Integrations

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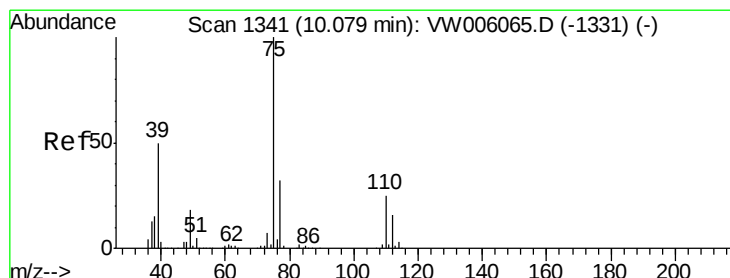
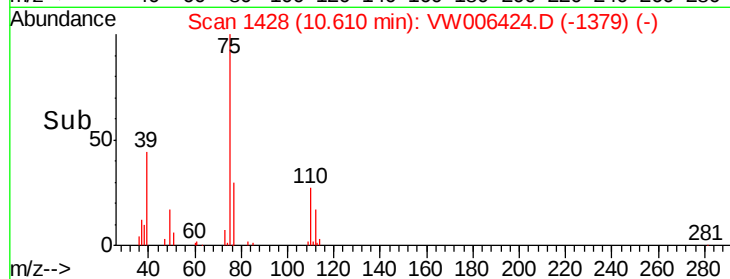
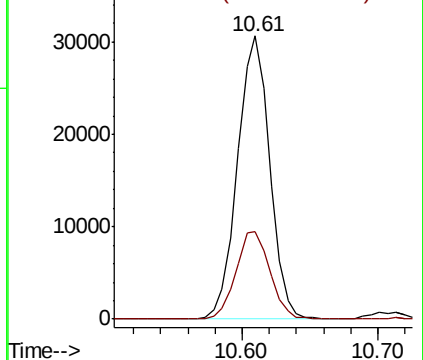
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Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW



#54

cis-1,3-Dichloropropene

Concen: 20.823 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.01 min

Lab File: VW006424.D

Acq: 27 Oct 2018 01:49

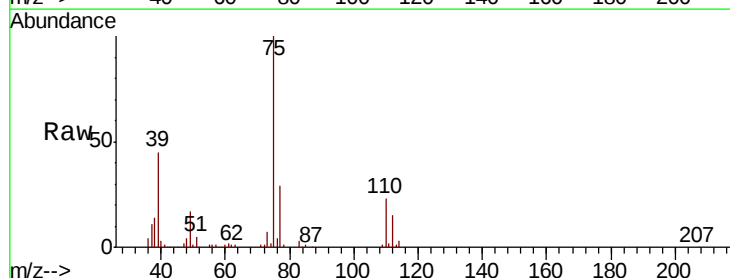
Tgt Ion: 75 Resp: 60577

Ion Ratio Lower Upper

75 100

77 29.4 25.2 37.8

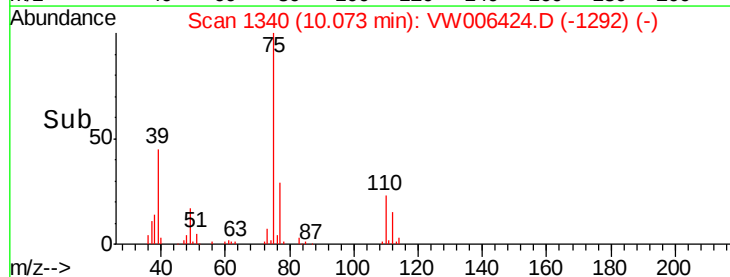
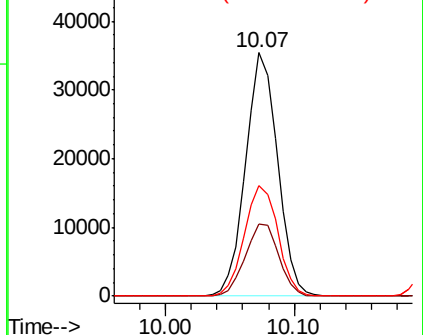
39 45.4 39.9 59.9

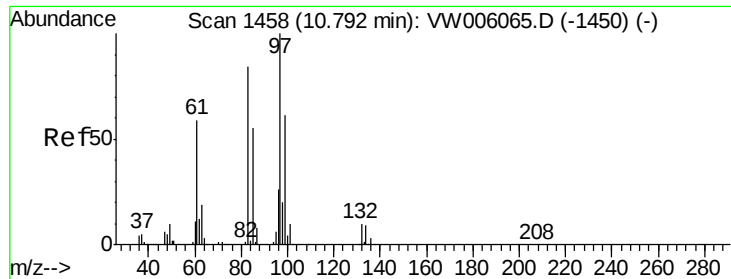


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW





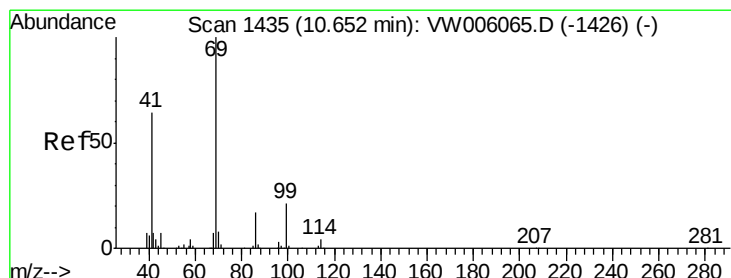
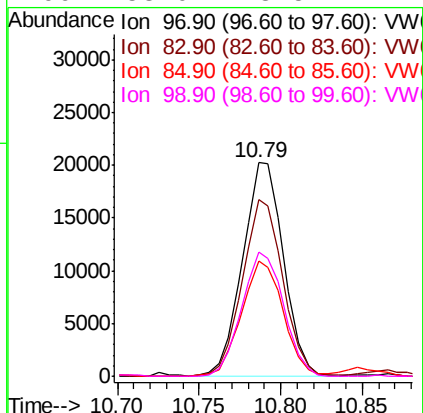
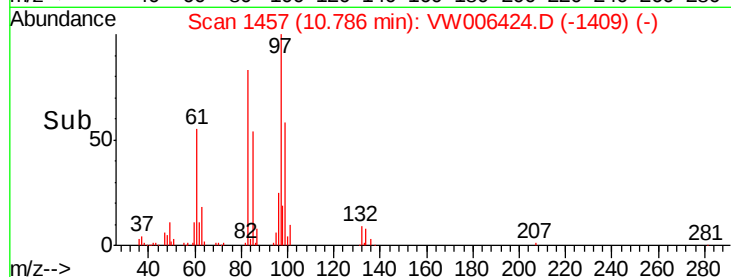
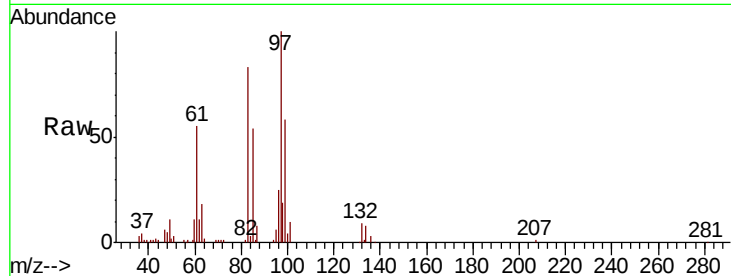
#55
 1,1,2-Trichloroethane
 Concen: 24.028 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: VW006424.D
 Acq: 27 Oct 2018 01:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1029SBS01

Tot Ion:	97	Resp:	35284
Ion	Ratio	Lower	Upper
97	100		
83	82.8	67.2	100.8
85	54.1	43.7	65.5
99	58.0	48.5	72.7

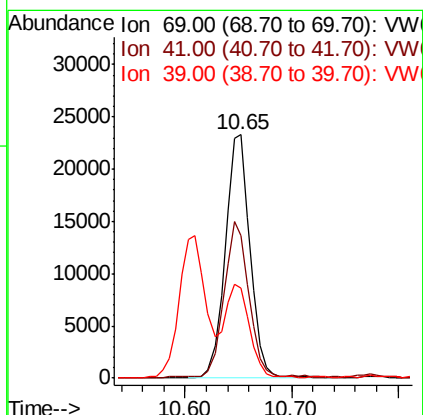
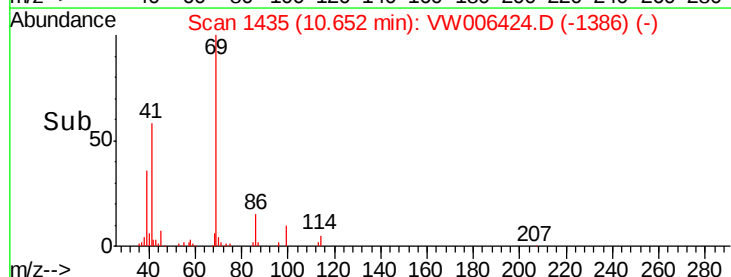
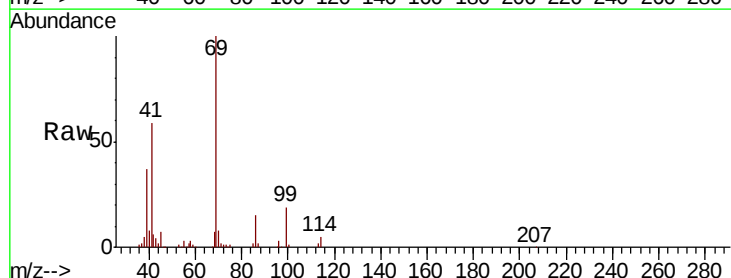
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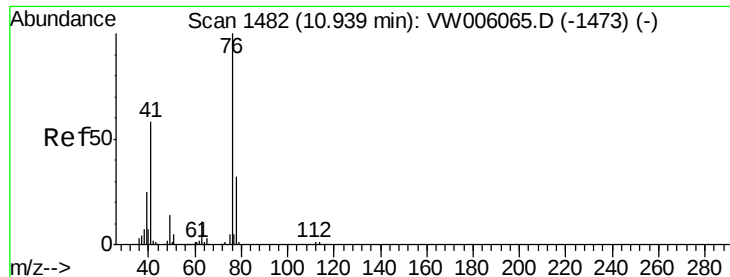
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#56
 Ethyl methacrylate
 Concen: 21.054 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: VW006424.D
 Acq: 27 Oct 2018 01:49

Tgt Ion:	69	Resp:	37901
Ion	Ratio	Lower	Upper
69	100		
41	64.0	52.8	79.2
39	38.9	30.6	45.8





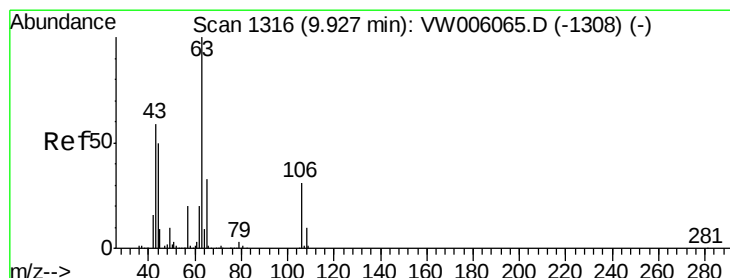
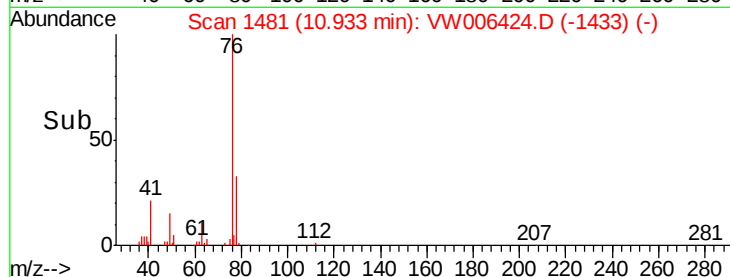
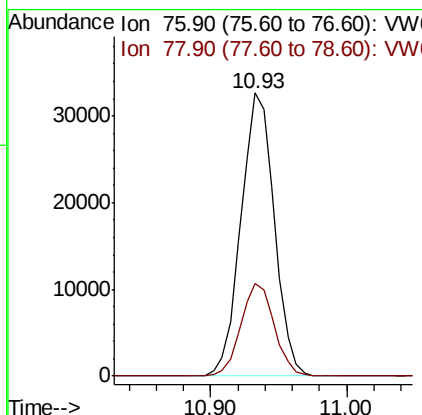
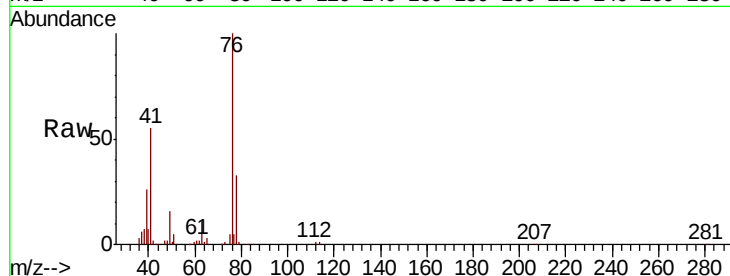
#57
 1,3-Dichloropropane
 Concen: 23.030 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.01 min
 Lab File: VW006424.D
 Acq: 27 Oct 2018 01:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1029SBS01

Tot Ion: 76 Resp: 55982
 Ion Ratio Lower Upper
 76 100
 78 32.7 25.9 38.9

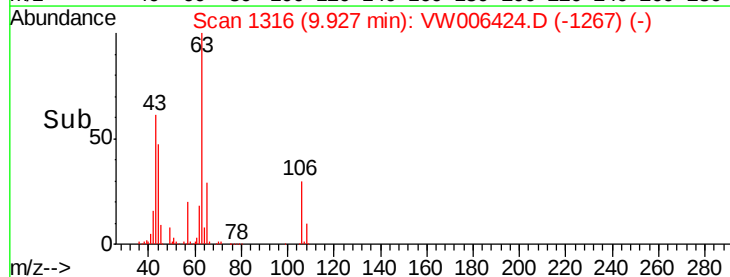
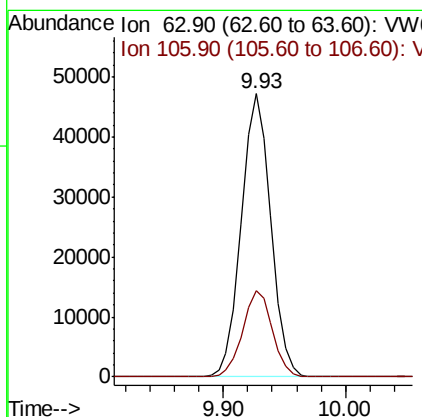
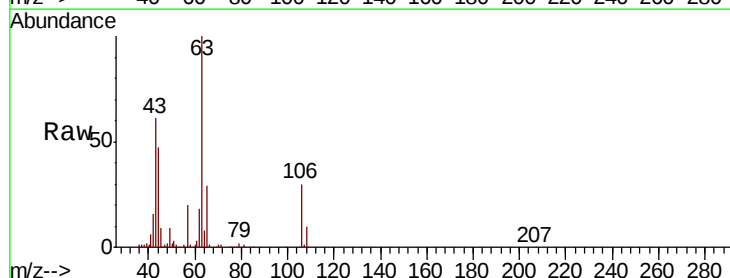
Manual Integrations
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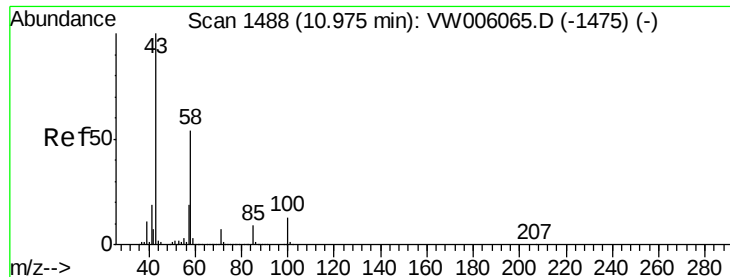
apatel
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#58
 2-Chloroethyl Vinyl ether
 Concen: 114.671 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW006424.D
 Acq: 27 Oct 2018 01:49

Tgt Ion: 63 Resp: 78880
 Ion Ratio Lower Upper
 63 100
 106 30.6 24.5 36.7





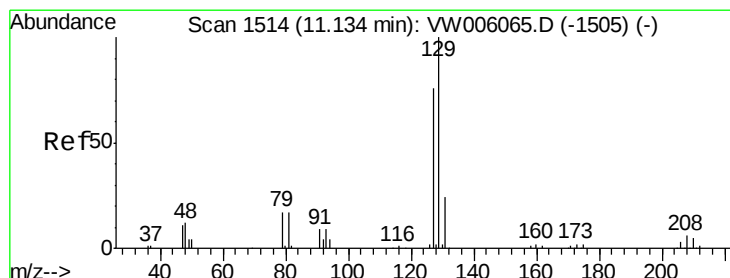
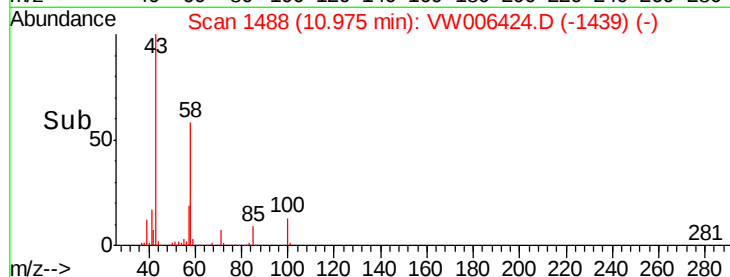
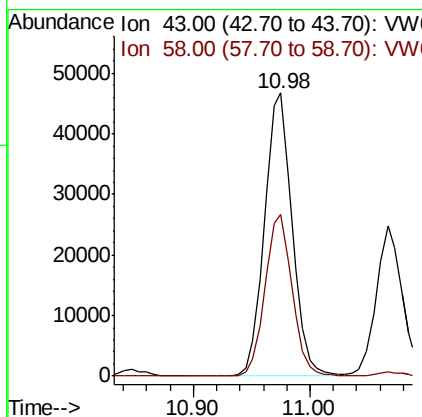
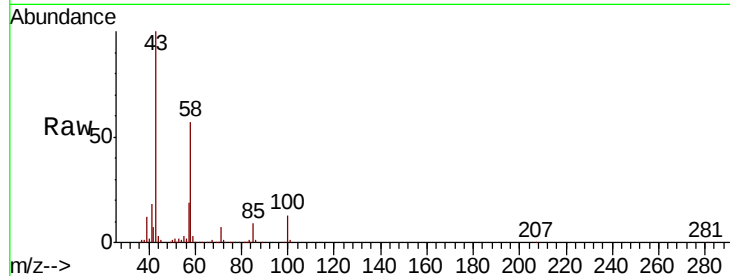
#59
2-Hexanone
Concen: 100.491 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW006424.D
Acq: 27 Oct 2018 01:49

Instrument :
MSVOA_W
ClientSampleId :
VW1029SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	55.9	26.9	80.6

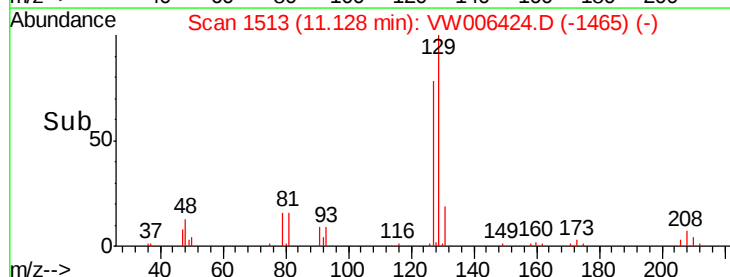
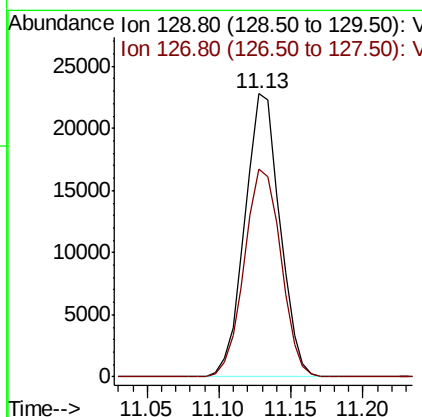
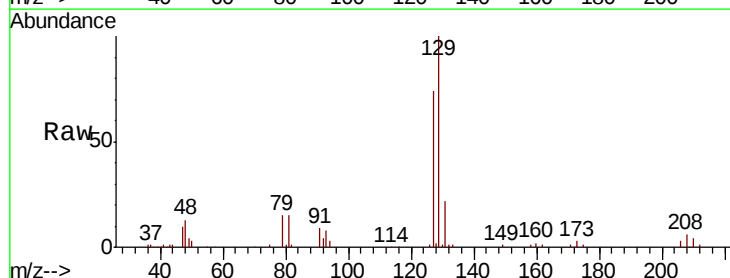
Manual Integrations
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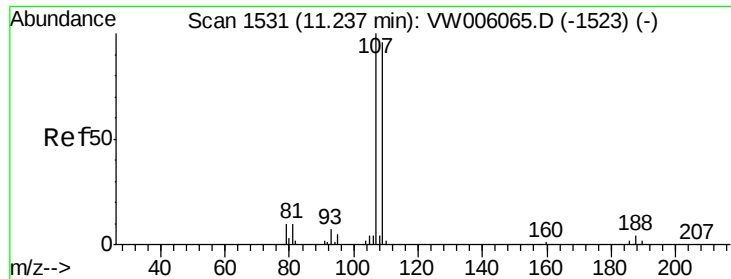
apatel
10/29/2018 10:03:49 AM



#60
Dibromochloromethane
Concen: 21.025 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.01 min
Lab File: VW006424.D
Acq: 27 Oct 2018 01:49

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.7	38.6	115.7





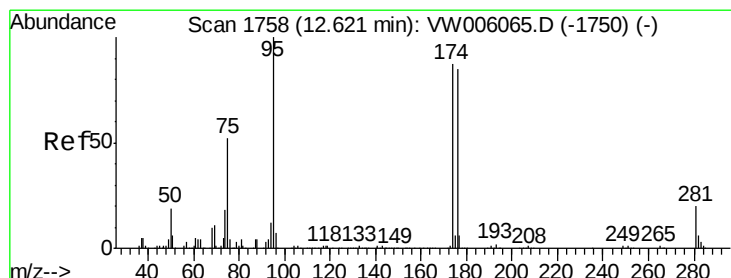
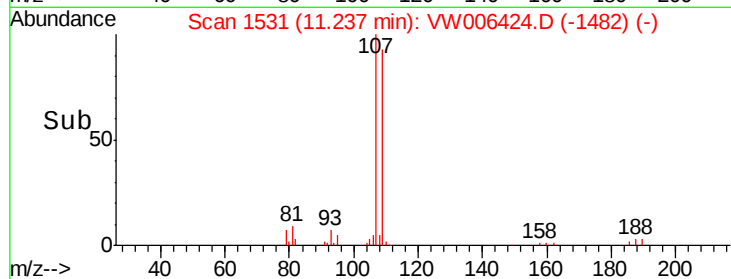
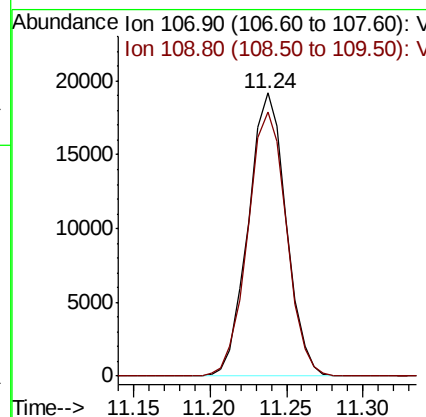
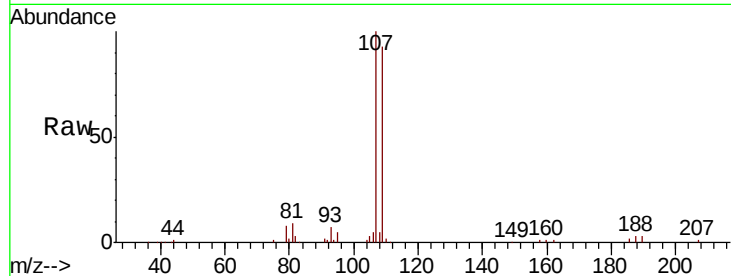
#61
 1,2-Dibromoethane
 Concen: 22.550 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW006424.D
 Acq: 27 Oct 2018 01:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1029SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.5	76.3	114.5

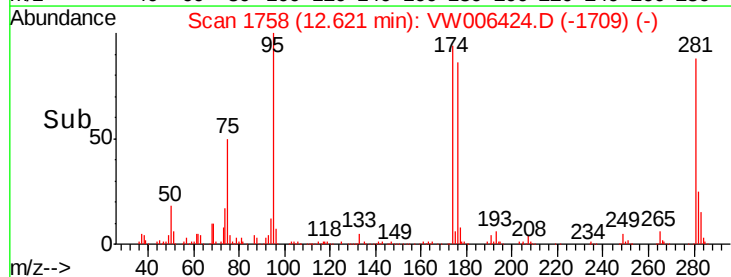
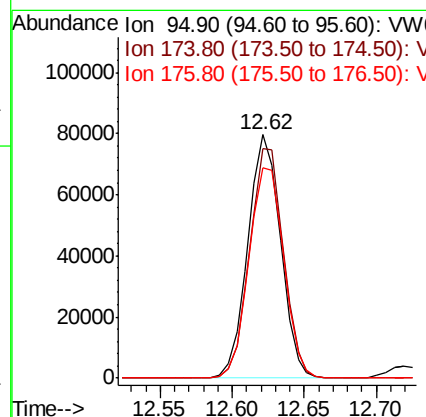
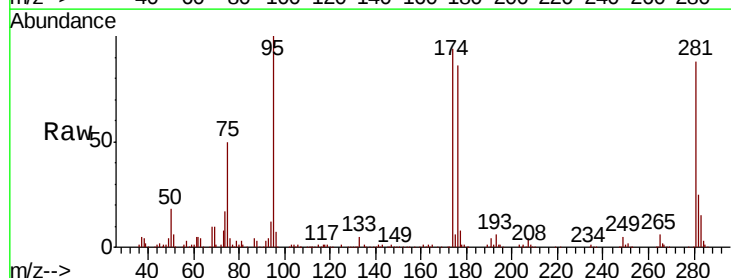
Manual Integrations
 APPROVED

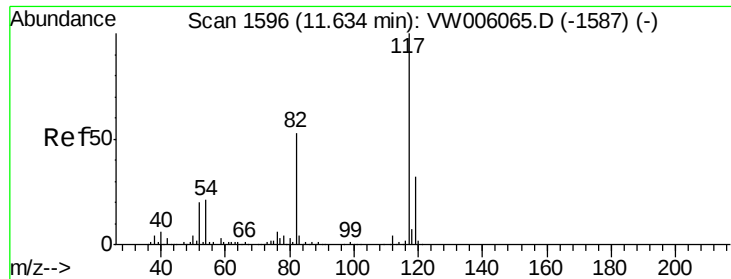
apatel
 10/29/2018 10:03:49 AM



#62
 4-Bromofluorobenzene
 Concen: 48.576 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW006424.D
 Acq: 27 Oct 2018 01:49

Tgt Ion	Ratio	Lower	Upper
95	100		
174	97.1	0.0	186.0
176	92.3	0.0	181.6





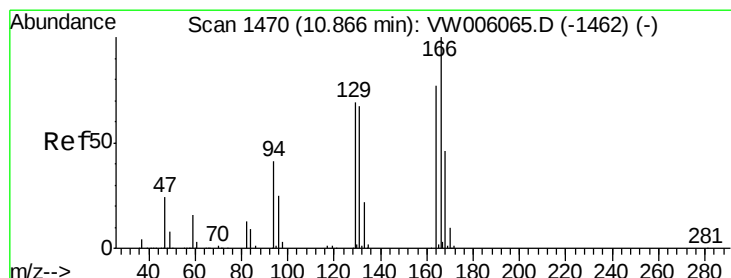
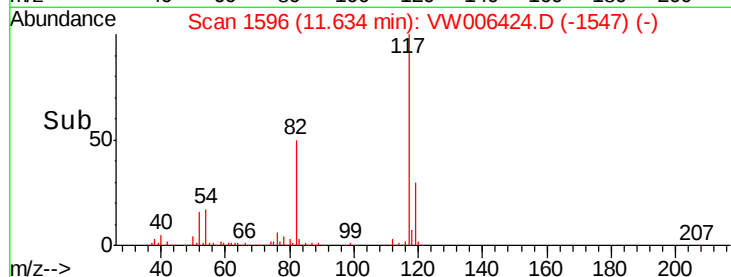
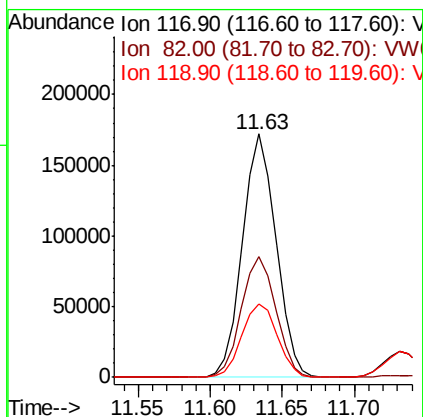
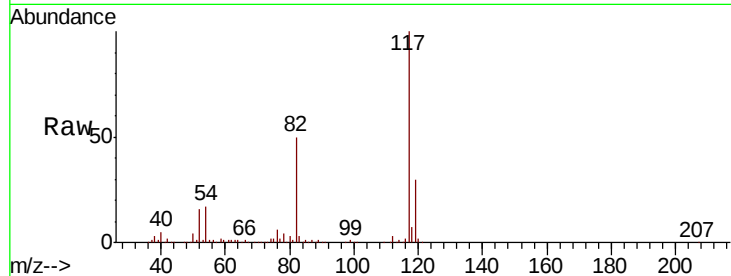
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006424.D
Acq: 27 Oct 2018 01:49

Instrument :
MSVOA_W
ClientSampleId :
VW1029SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	278125		
82	49.8		42.1	63.1
119	30.1		25.8	38.6

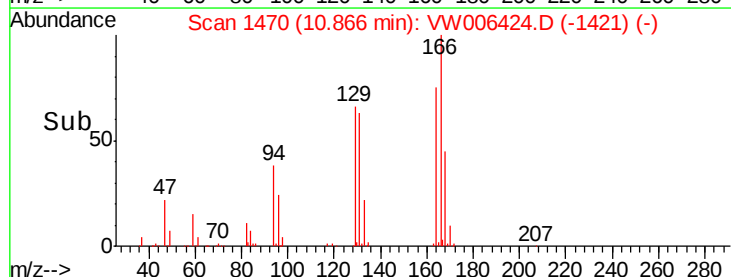
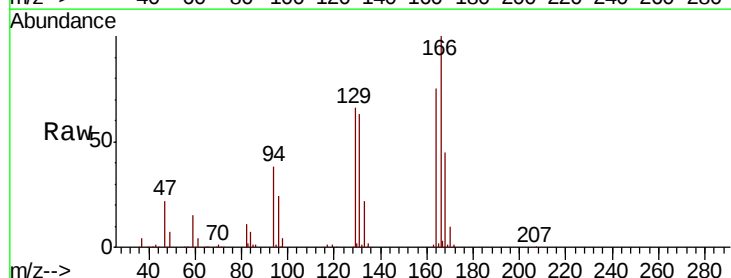
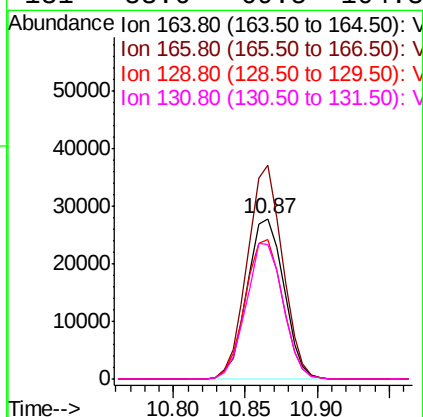
Manual Integrations
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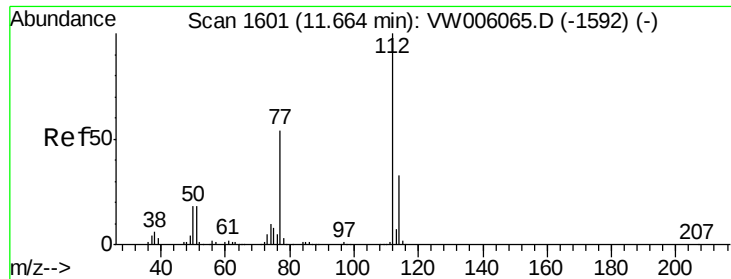
apatel
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#64
Tetrachloroethene
Concen: 22.945 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW006424.D
Acq: 27 Oct 2018 01:49

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	49541		
166	133.2		103.4	155.0
129	87.3		71.8	107.8
131	83.6		69.5	104.3





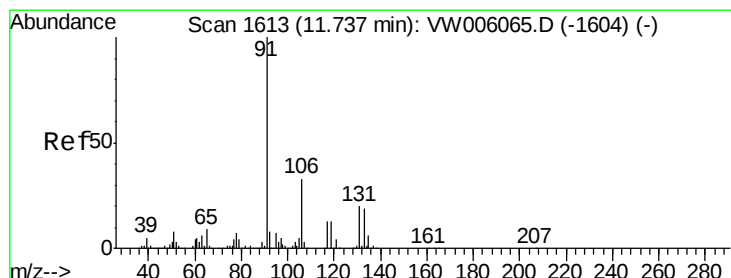
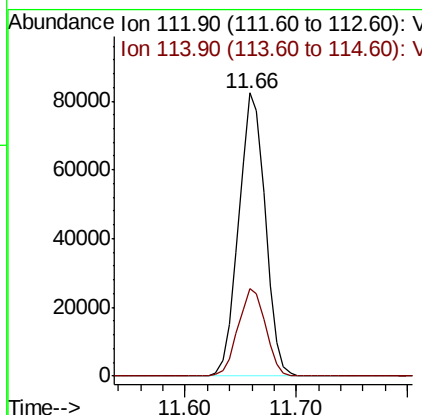
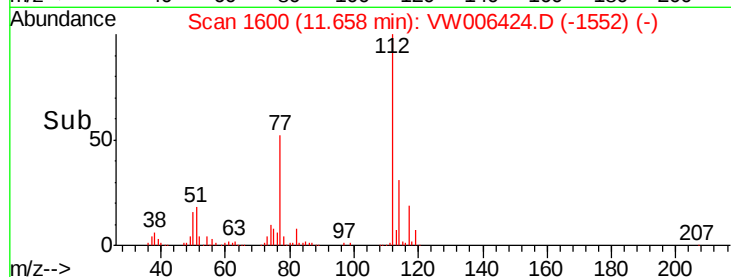
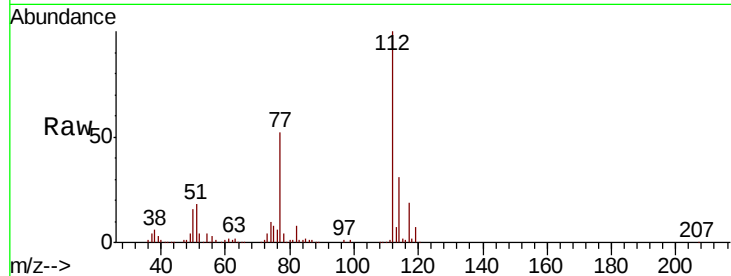
#65
Chlorobenzene
Concen: 22.847 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VW006424.D
Acq: 27 Oct 2018 01:49

Instrument :
MSVOA_W
ClientSampleId :
VW1029SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	30.8	26.2	39.2

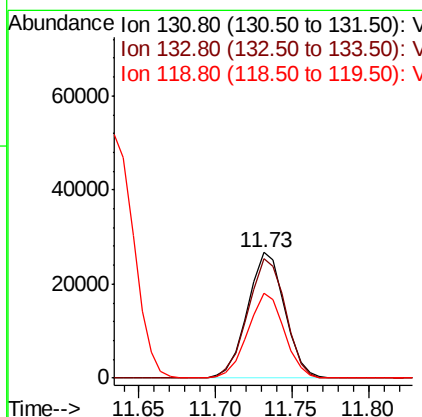
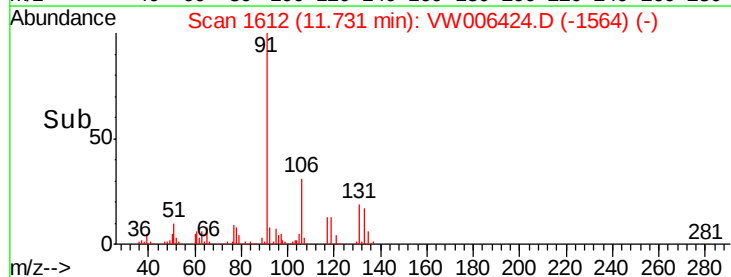
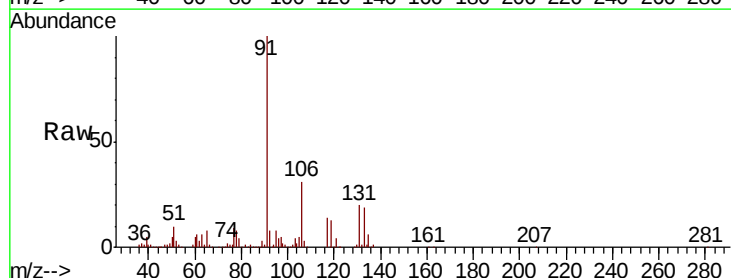
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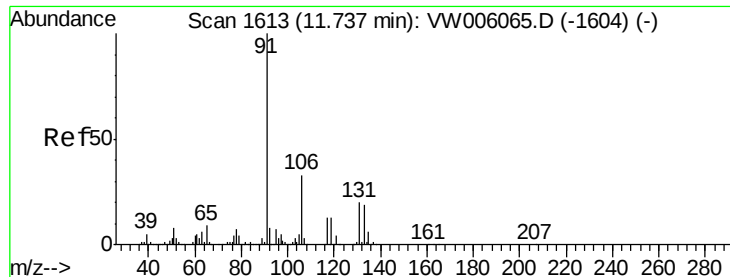
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.383 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.01 min
Lab File: VW006424.D
Acq: 27 Oct 2018 01:49

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.9	48.1	144.3
119	66.3	31.6	94.7





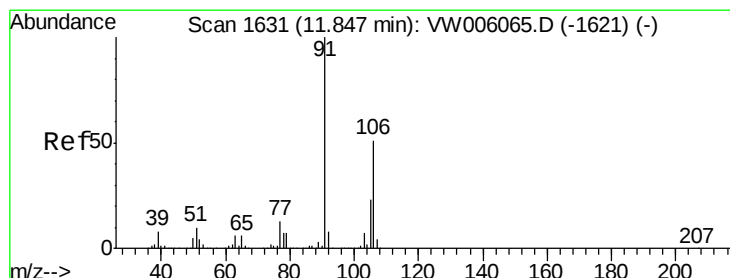
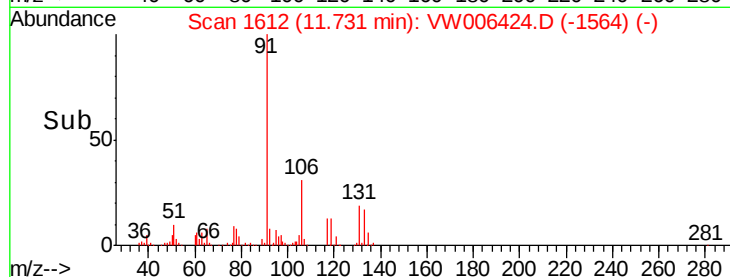
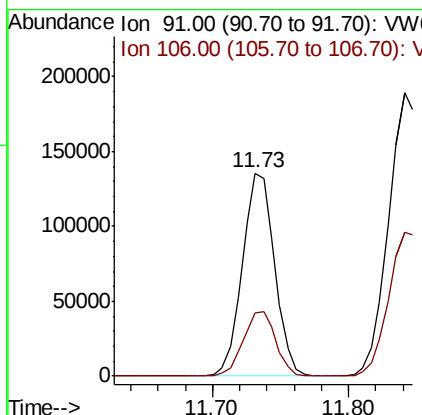
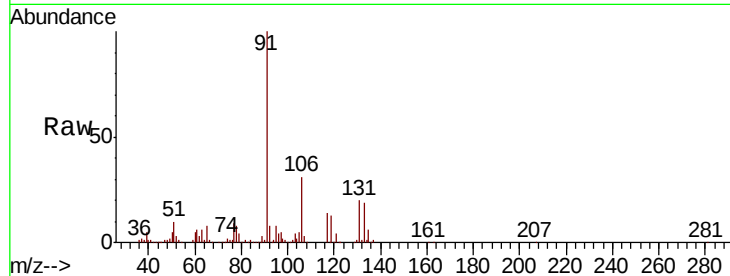
#67
Ethyl Benzene
Concen: 21.725 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.01 min
Lab File: VW006424.D
Acq: 27 Oct 2018 01:49

Instrument :
MSVOA_W
ClientSampleId :
VW1029SBS01

Tot Ion	Ion	Ratio	Lower	Upper
91	100			
106	31.2	26.1	39.1	

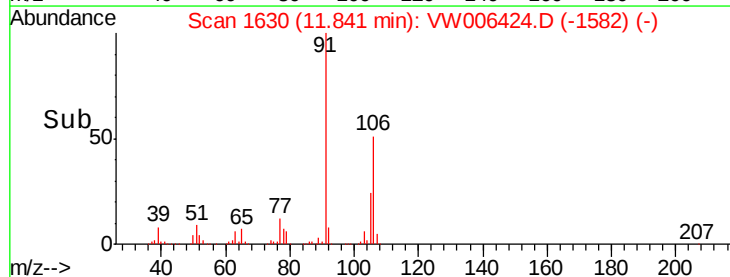
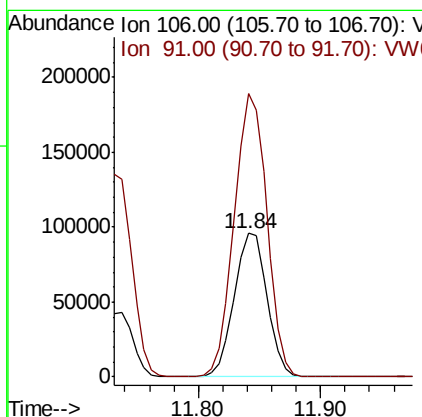
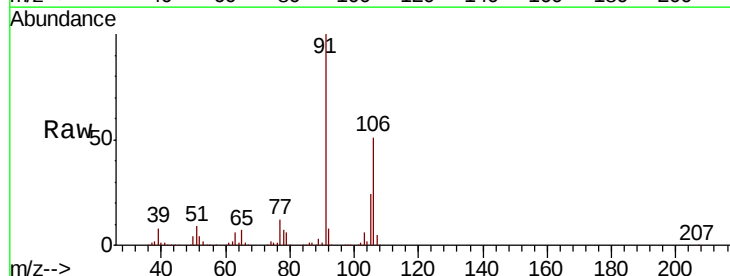
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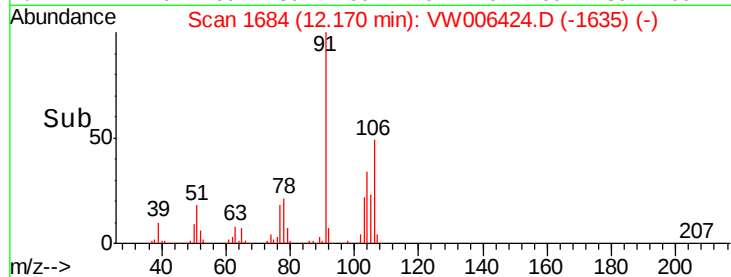
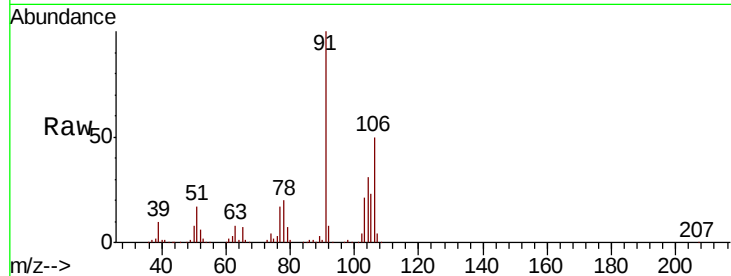
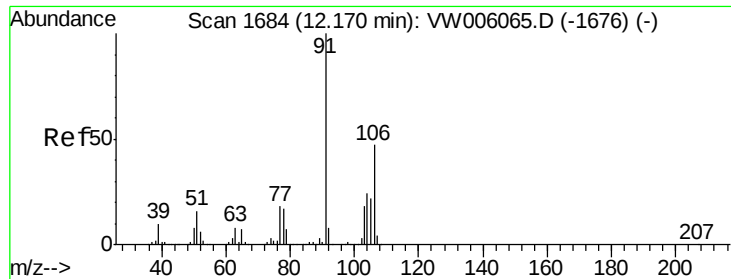
apatel
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#68
m/p-Xylenes
Concen: 43.651 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW006424.D
Acq: 27 Oct 2018 01:49

Tgt Ion	Ion	Ratio	Lower	Upper
106	100			
91	197.0	159.1	238.7	





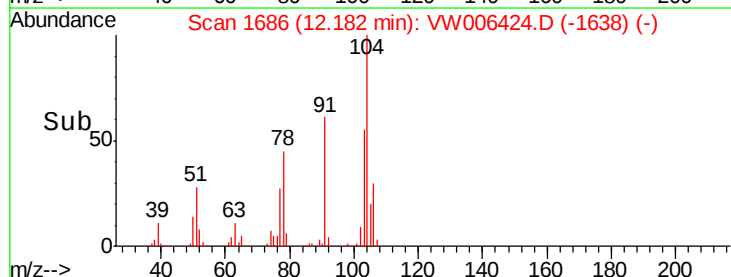
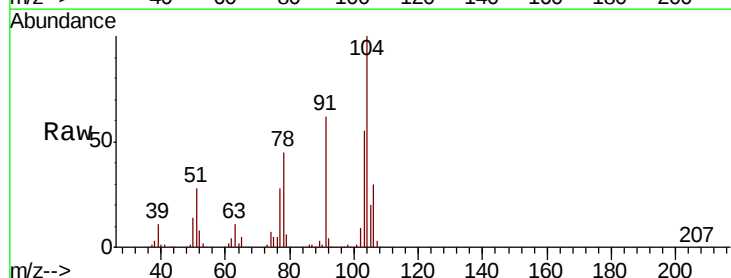
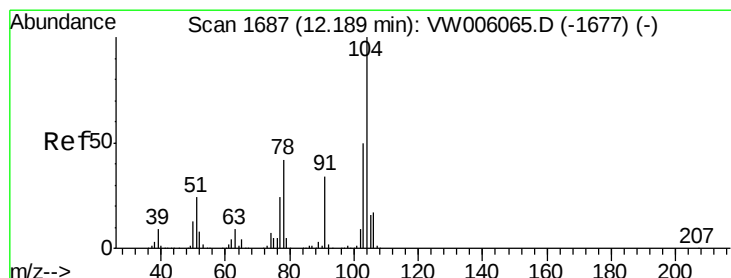
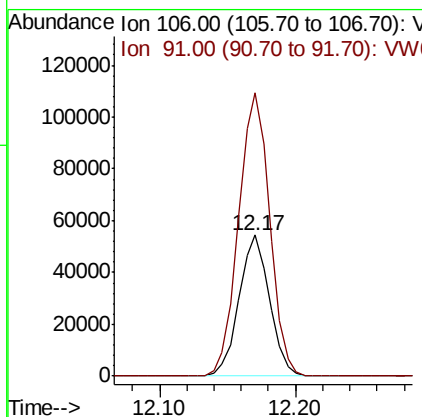
#69
o-Xylene
Concen: 21.882 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW006424.D
Acq: 27 Oct 2018 01:49

Tot Ion:106 Resp: 85050
Ion Ratio Lower Upper
106 100
91 205.6 105.4 316.1

Instrument :
MSVOA_W
ClientSampleId :
VW1029SBS01

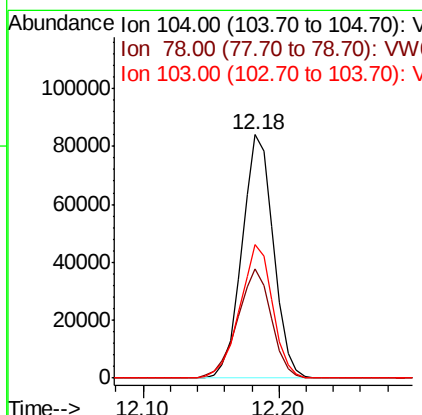
Manual Integrations
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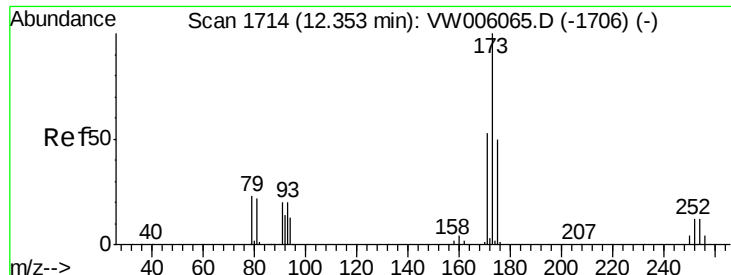
apatel
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#70
Styrene
Concen: 21.449 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.01 min
Lab File: VW006424.D
Acq: 27 Oct 2018 01:49

Tgt Ion:104 Resp: 135564
Ion Ratio Lower Upper
104 100
78 48.3 39.1 58.7
103 57.3 44.3 66.5





#71

Bromoform

Concen: 19.512 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW006424.D

Acq: 27 Oct 2018 01:49

Instrument :

MSVOA_W

ClientSampleId :

VW1029SBS01

Tot Ion:173 Resp: 23028

Ion Ratio Lower Upper

173 100

175 48.8 24.2 72.6

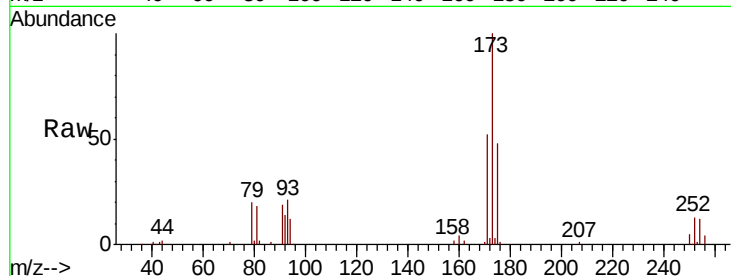
254 0.0 0.1 0.1#

Manual Integrations

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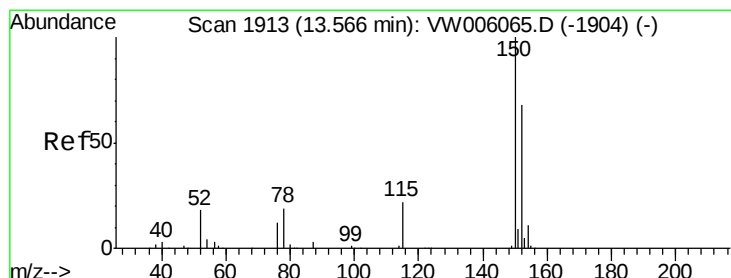
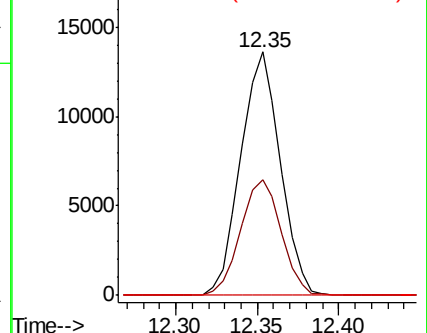
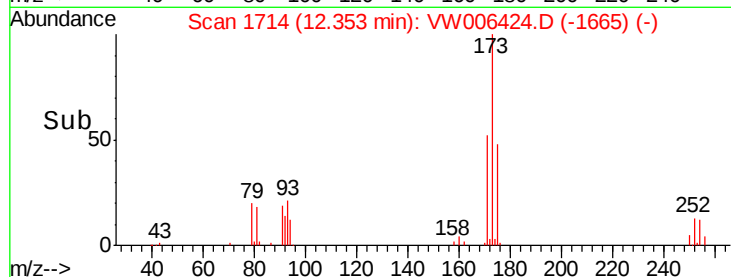
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.01 min

Lab File: VW006424.D

Acq: 27 Oct 2018 01:49

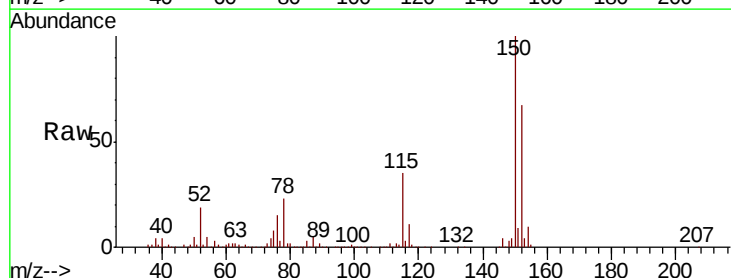
Tgt Ion:152 Resp: 156504

Ion Ratio Lower Upper

152 100

115 53.4 27.8 83.3

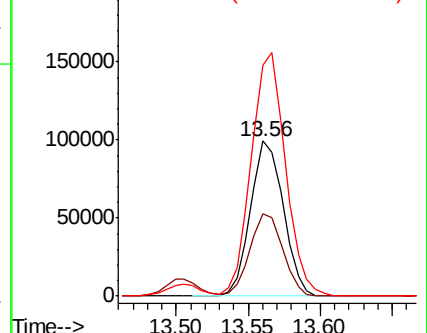
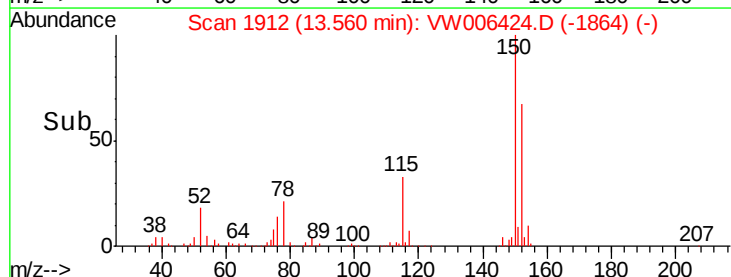
150 163.5 0.0 349.2

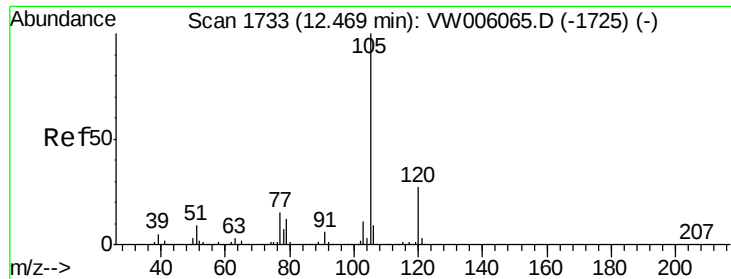


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





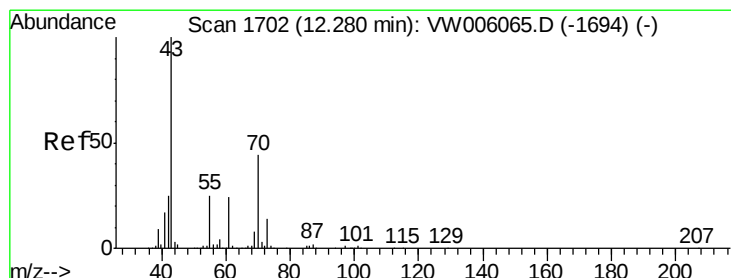
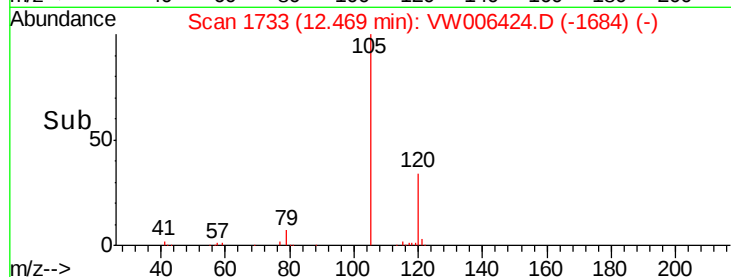
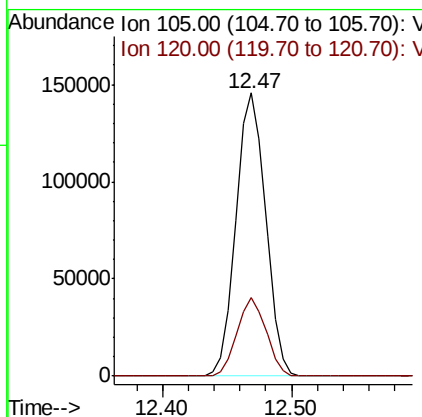
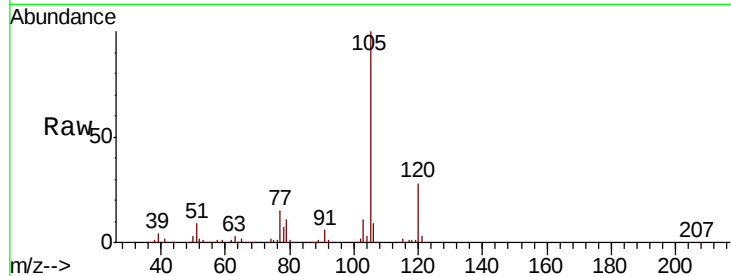
#73
Isopropylbenzene
Concen: 21.033 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VW006424.D
Acq: 27 Oct 2018 01:49

Instrument :
MSVOA_W
ClientSampleId :
VW1029SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.3	13.6	40.7

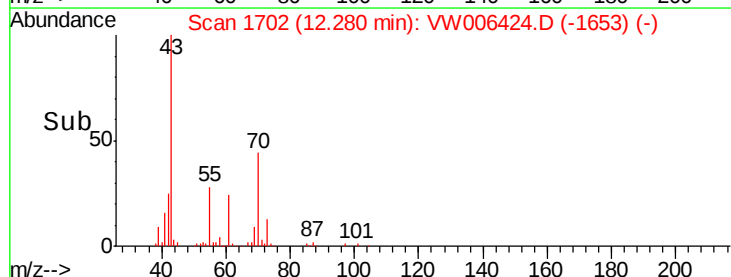
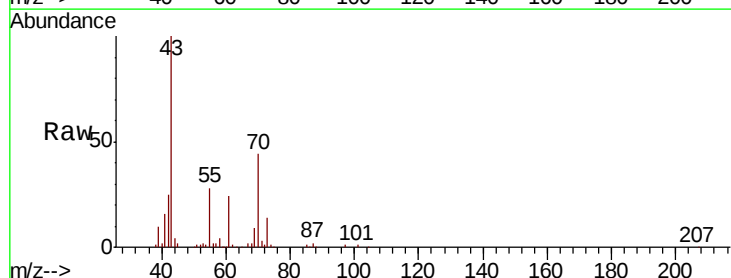
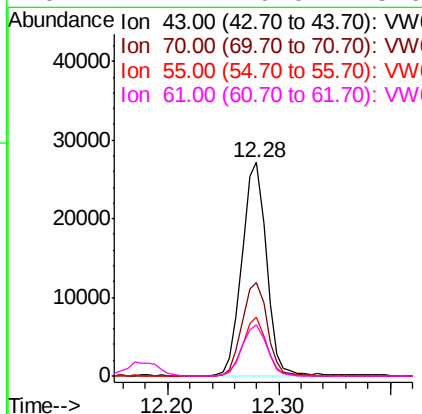
Manual Integrations
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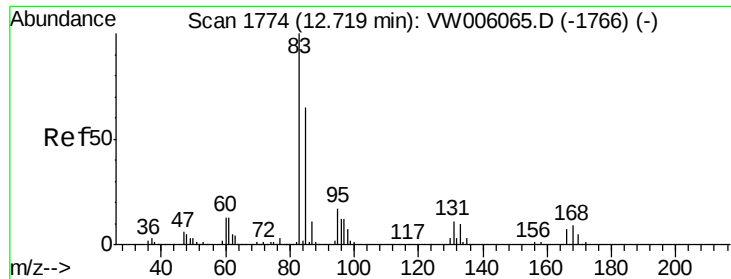
apatel
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#74
N-ethyl acetate
Concen: 19.458 ug/l
RT: 12.28 min Scan# 1702
Delta R.T. -0.00 min
Lab File: VW006424.D
Acq: 27 Oct 2018 01:49

Tgt Ion	Ratio	Lower	Upper
43	100		
70	44.9	34.2	51.4
55	26.6	19.2	28.8
61	24.1	19.0	28.6





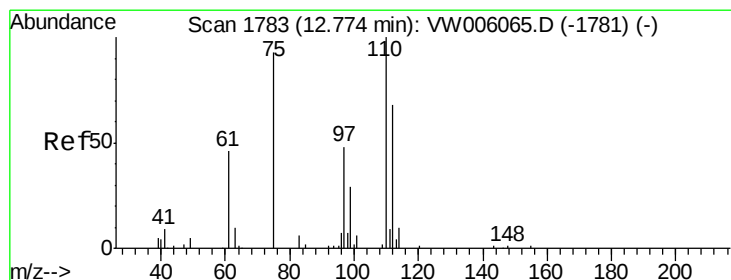
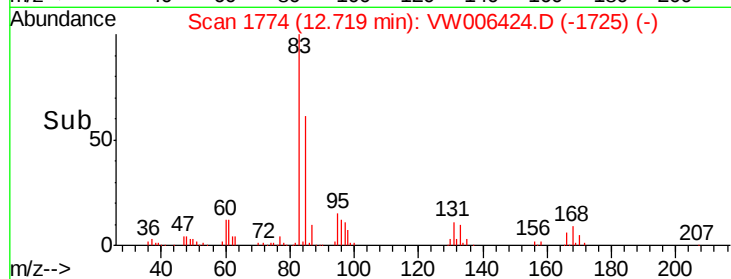
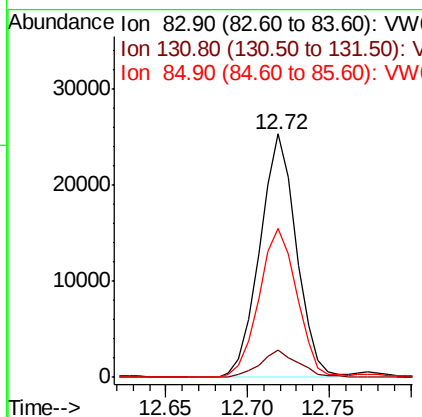
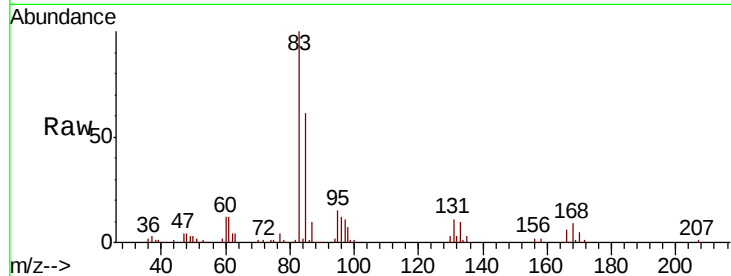
#75
 1,1,2,2-Tetrachloroethane
 Concen: 23.261 ug/l
 RT: 12.72 min Scan# 1774
 Delta R.T. -0.00 min
 Lab File: VW006424.D
 Acq: 27 Oct 2018 01:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1029SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
131	11.9	5.9	17.7
85	64.0	31.9	95.9

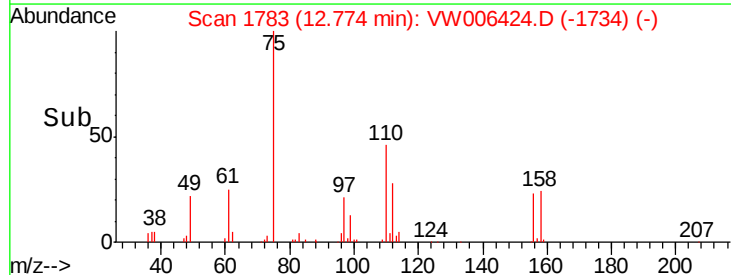
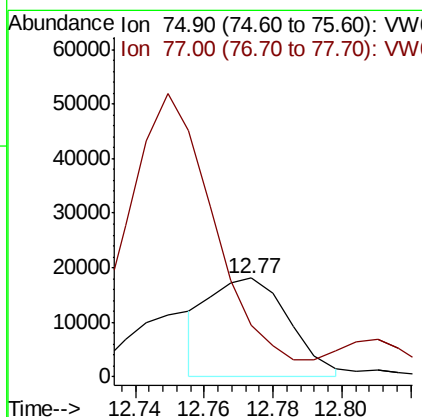
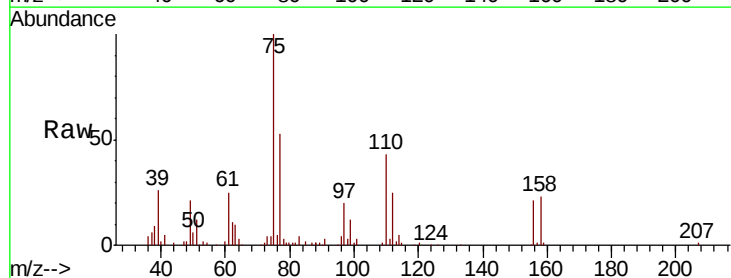
Manual Integrations
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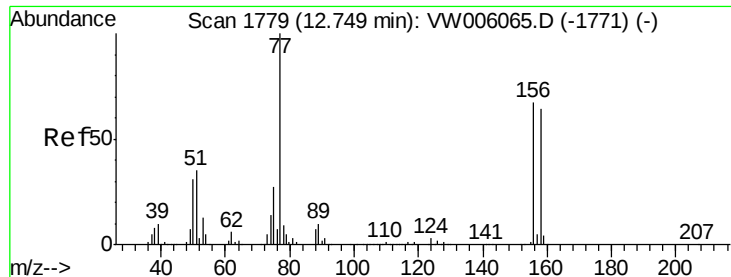
apatel
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#76
 1,2,3-Trichloropropane
 Concen: 24.360 ug/l m
 RT: 12.77 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VW006424.D
 Acq: 27 Oct 2018 01:49

Tgt Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 22.289 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW006424.D

Acq: 27 Oct 2018 01:49

Instrument :

MSVOA_W

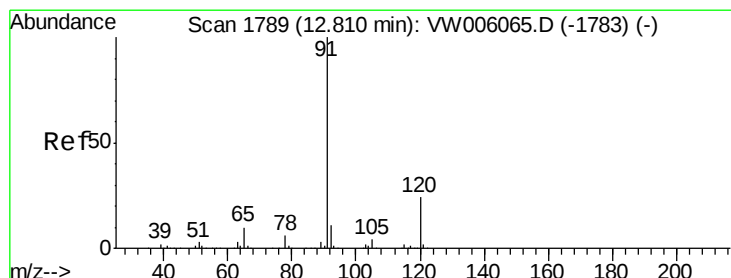
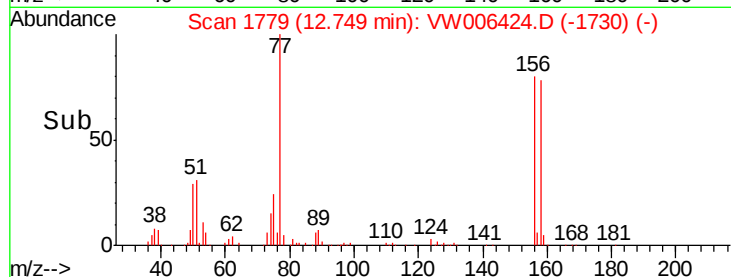
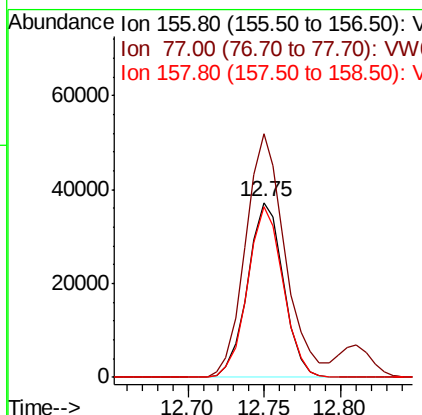
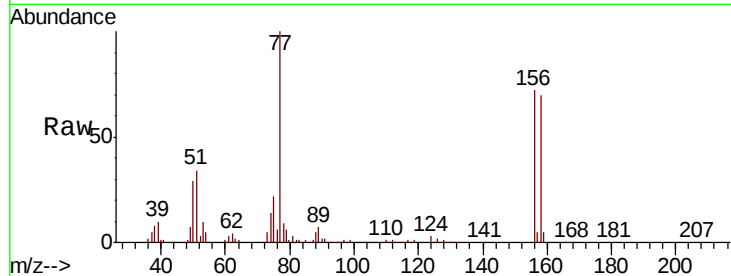
ClientSampleId :

VW1029SBS01

Tot Ion:	156	Resp:	60361
Ion Ratio	Lower	Upper	
156	100		
77	155.6	79.1	237.4
158	97.3	48.5	145.6

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#78

n-propylbenzene

Concen: 21.501 ug/l

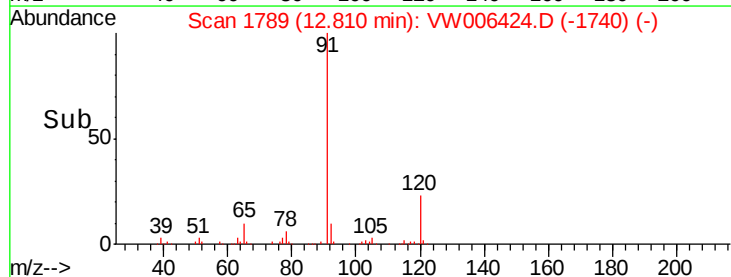
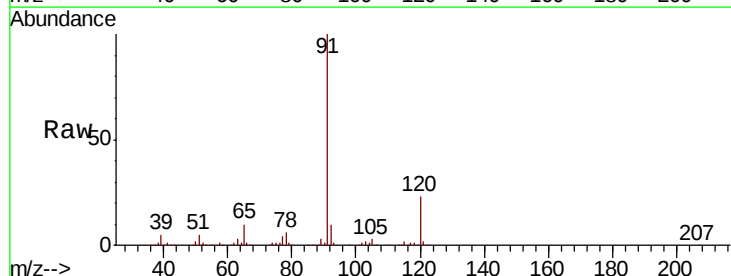
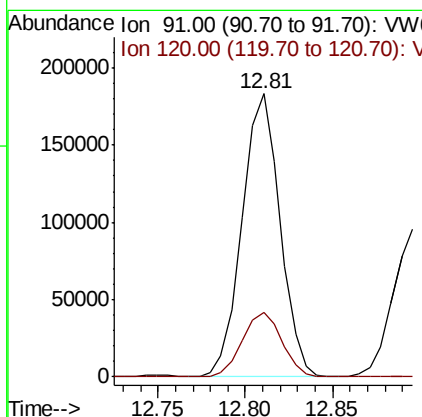
RT: 12.81 min Scan# 1789

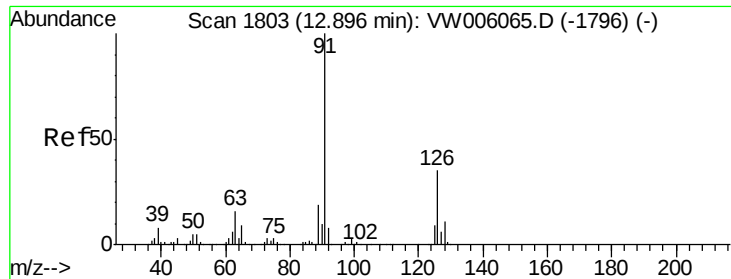
Delta R.T. -0.00 min

Lab File: VW006424.D

Acq: 27 Oct 2018 01:49

Tgt Ion:	91	Resp:	276579
Ion Ratio	Lower	Upper	
91	100		
120	23.8	12.2	36.6





#79

2-Chlorotoluene

Concen: 21.306 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW006424.D

Acq: 27 Oct 2018 01:49

Instrument :

MSVOA_W

ClientSampleId :

VW1029SBS01

Tot Ion: 91 Resp: 153988

Ion Ratio Lower Upper

91 100

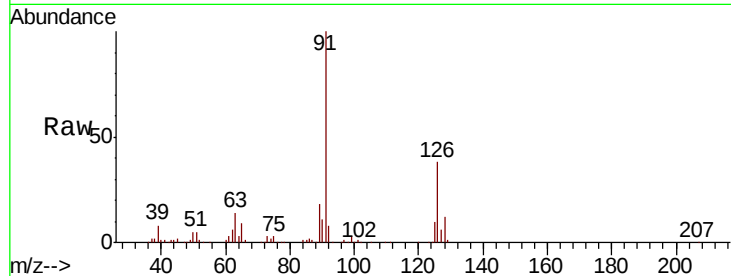
126 37.3 17.9 53.8

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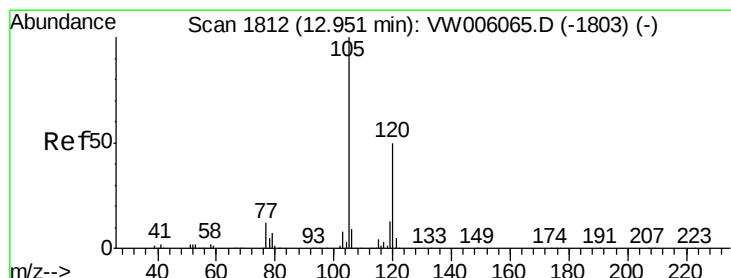
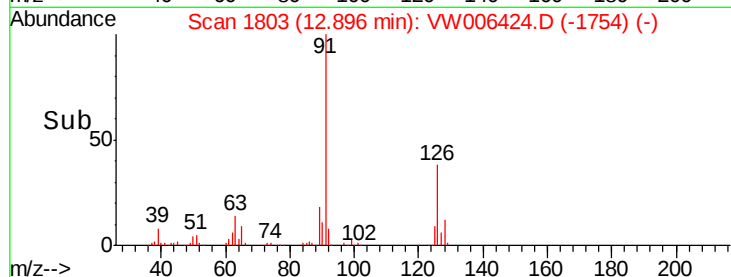
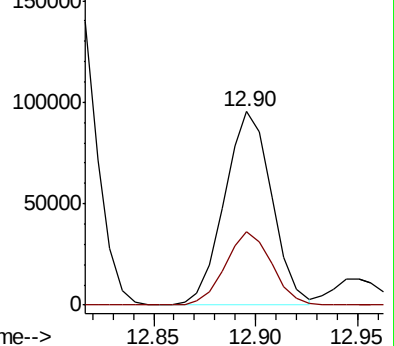
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 21.450 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW006424.D

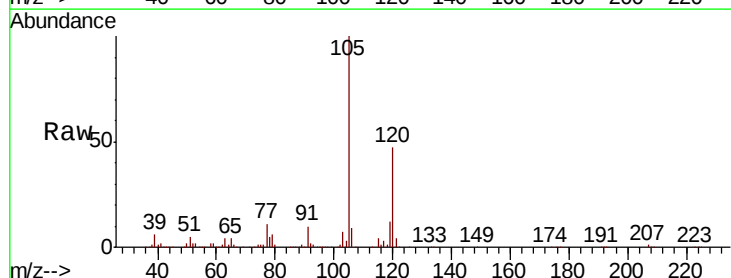
Acq: 27 Oct 2018 01:49

Tgt Ion:105 Resp: 199932

Ion Ratio Lower Upper

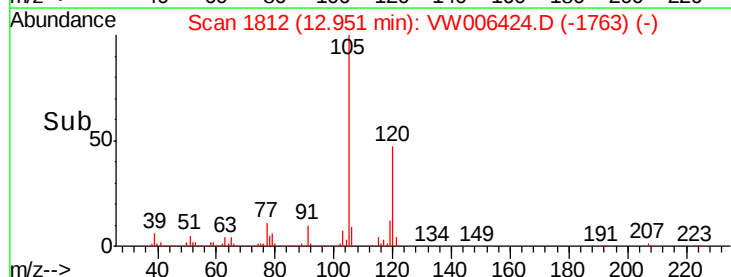
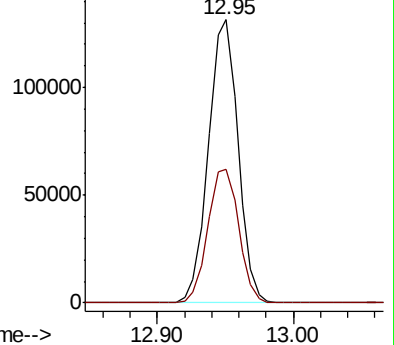
105 100

120 49.2 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





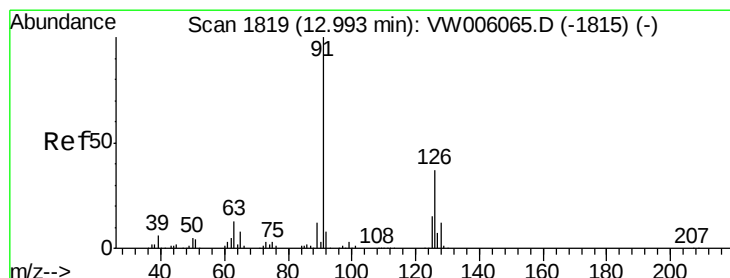
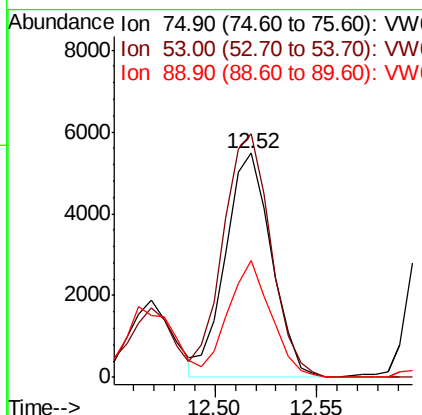
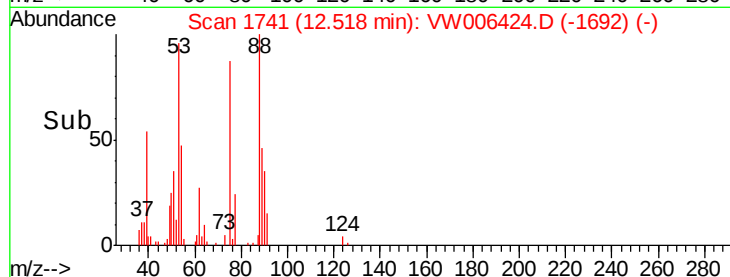
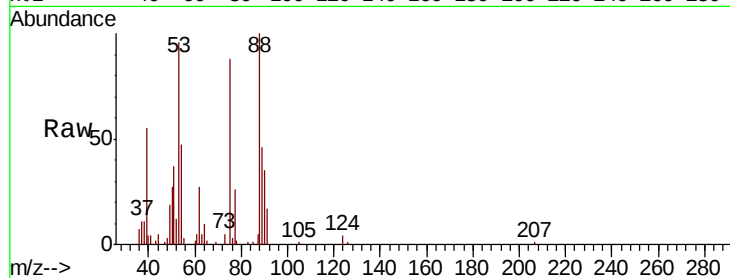
#81
trans-1,4-Dichloro-2-butene
Concen: 17.183 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW006424.D
Acq: 27 Oct 2018 01:49

Instrument :
MSVOA_W
ClientSampleId :
VW1029SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	112.6	79.8	119.6
89	47.9	37.5	56.3

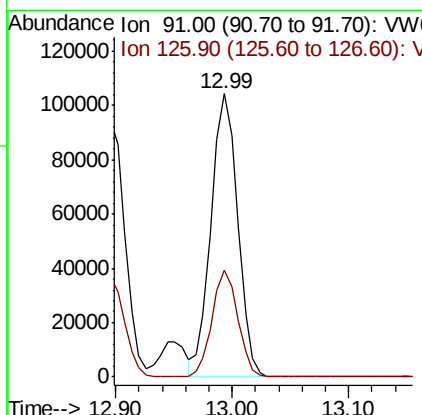
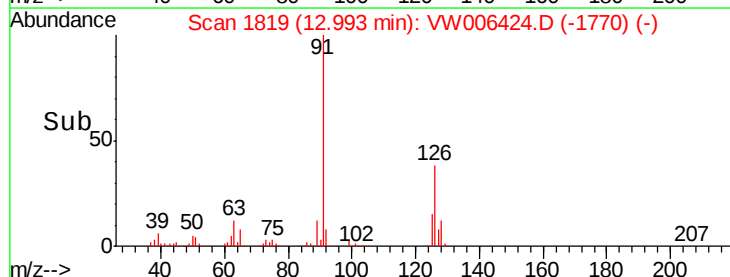
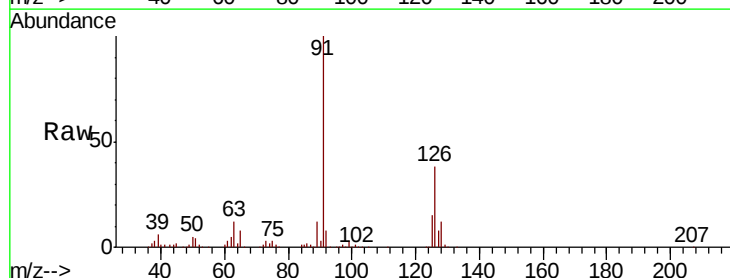
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#82
4-Chlorotoluene
Concen: 21.744 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW006424.D
Acq: 27 Oct 2018 01:49

Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.5	18.1	54.3





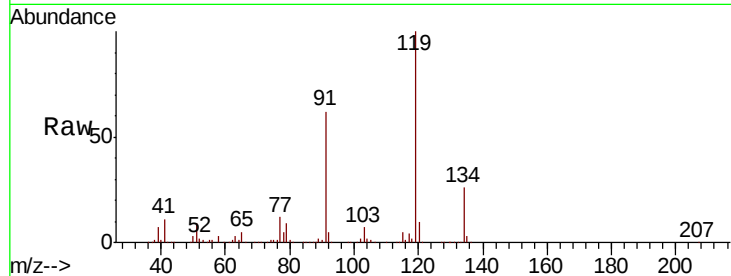
#83
tert-Butylbenzene
Concen: 20.984 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW006424.D
Acq: 27 Oct 2018 01:49

Instrument :
MSVOA_W
ClientSampleId :
VW1029SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	174995		
91	62.2		32.3	96.9
134	27.6		13.6	40.8

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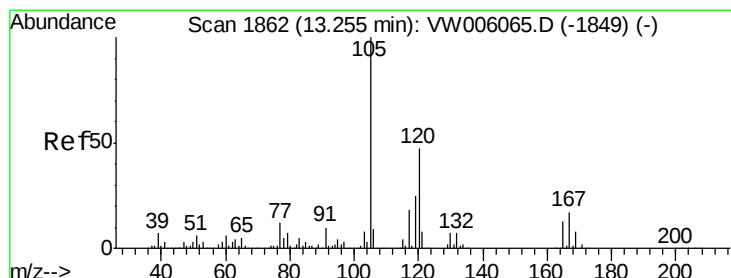
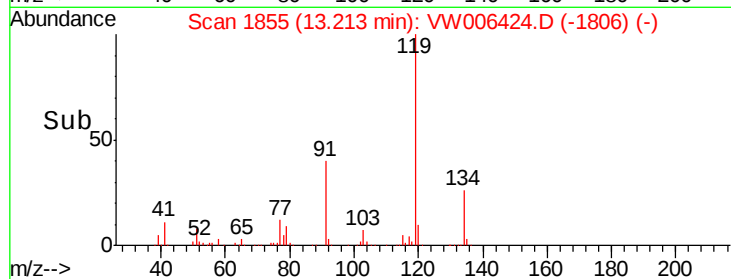
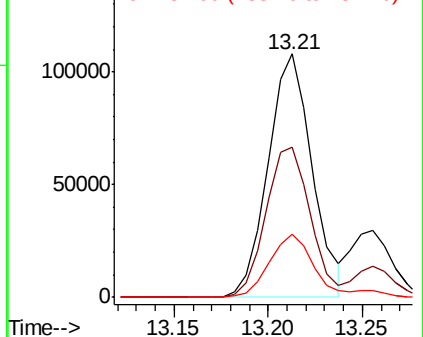


Abundance

Ion 119.00 (118.70 to 119.70): V

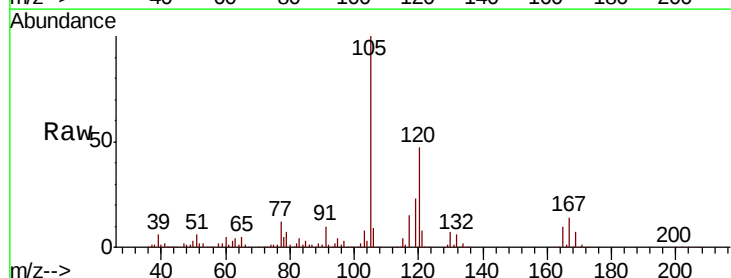
Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84
1,2,4-Trimethylbenzene
Concen: 21.245 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW006424.D
Acq: 27 Oct 2018 01:49

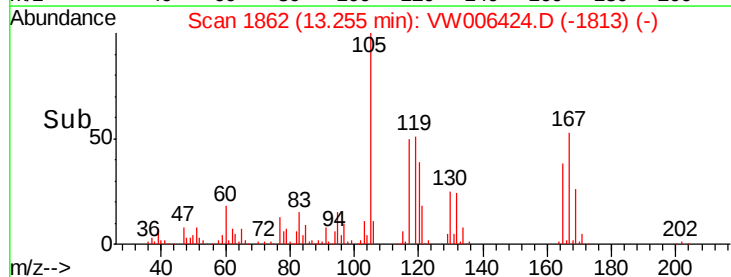
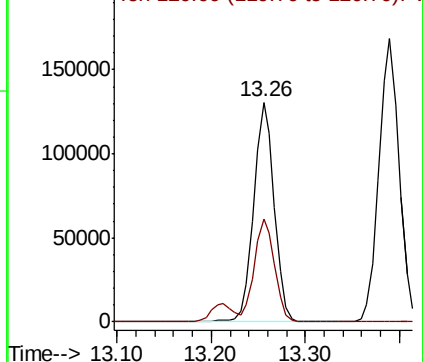
Tgt Ion	Ratio	Resp	Lower	Upper
105	100	200381		
120	46.1		23.1	69.3

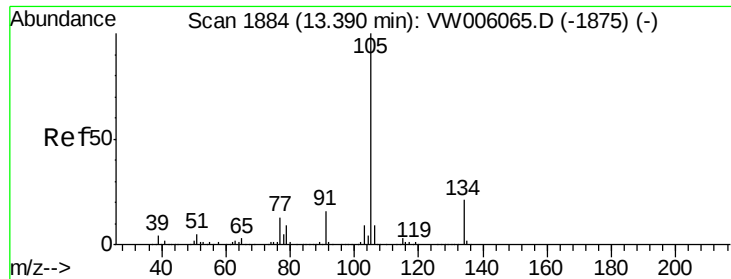


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 21.258 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW006424.D

Acq: 27 Oct 2018 01:49

Instrument :

MSVOA_W

ClientSampleId :

VW1029SBS01

Tot Ion:105 Resp: 250445

Ion Ratio Lower Upper

105 100

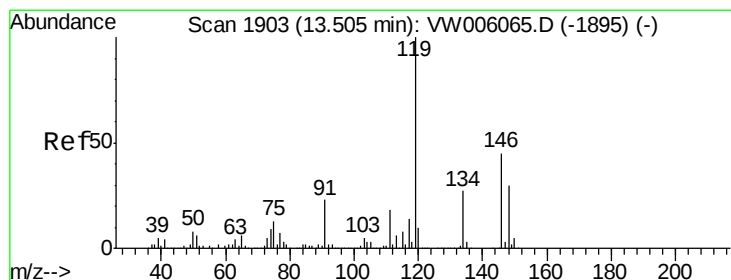
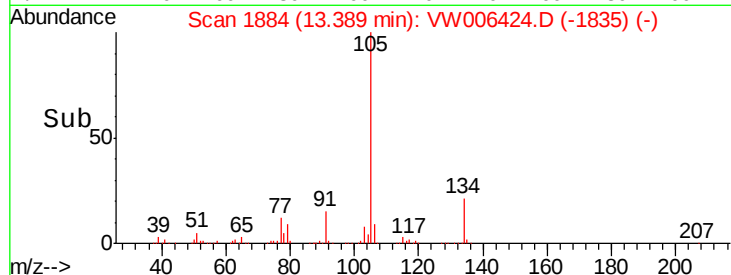
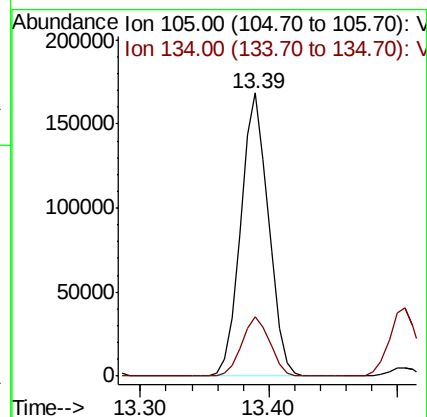
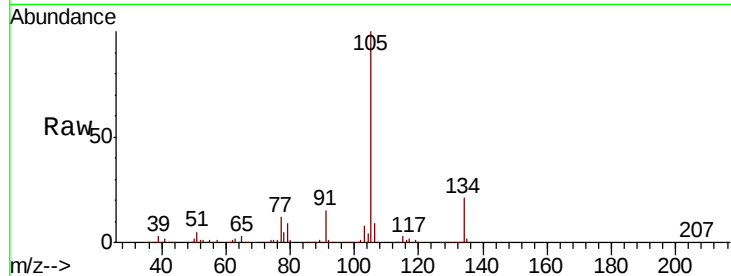
134 21.1 10.5 31.6

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#86

p-Isopropyltoluene

Concen: 21.178 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW006424.D

Acq: 27 Oct 2018 01:49

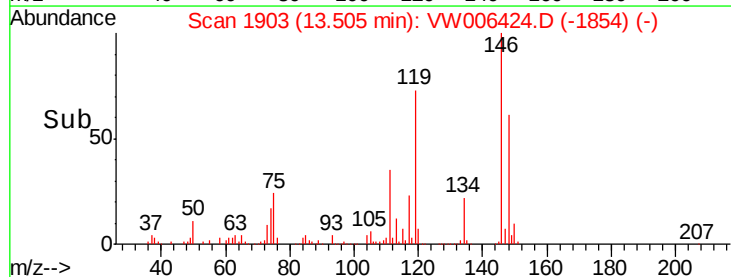
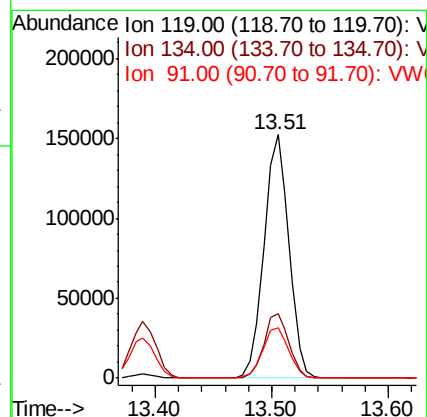
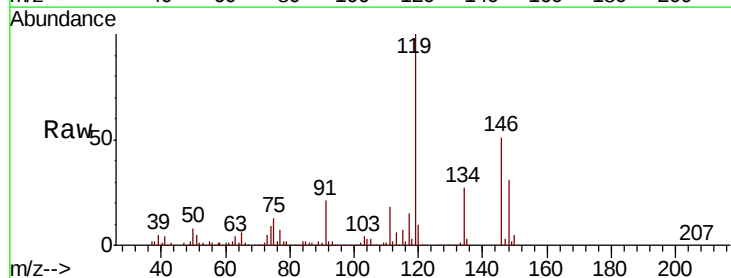
Tgt Ion:119 Resp: 225678

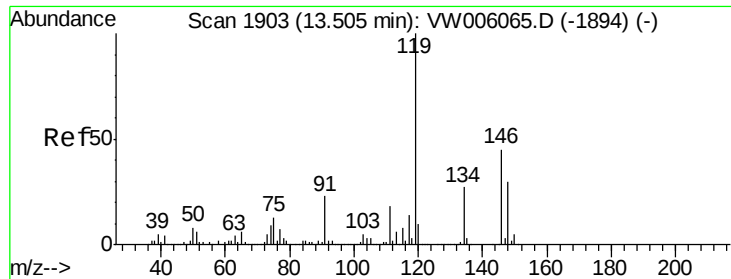
Ion Ratio Lower Upper

119 100

134 26.6 13.4 40.2

91 21.7 11.4 34.1





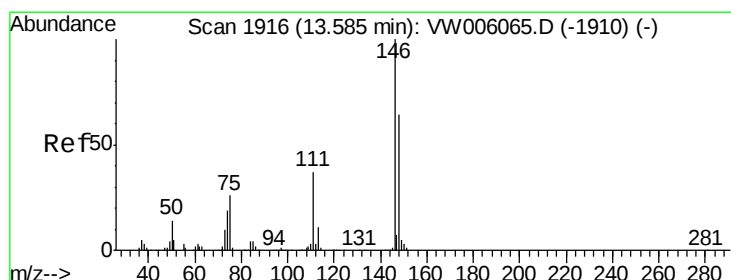
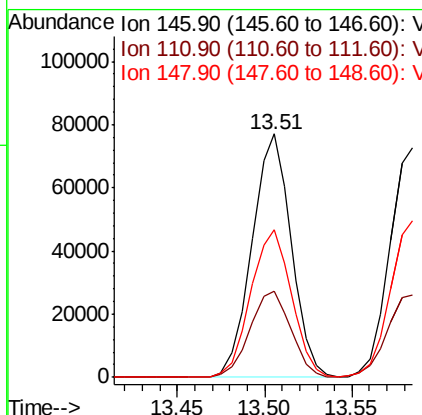
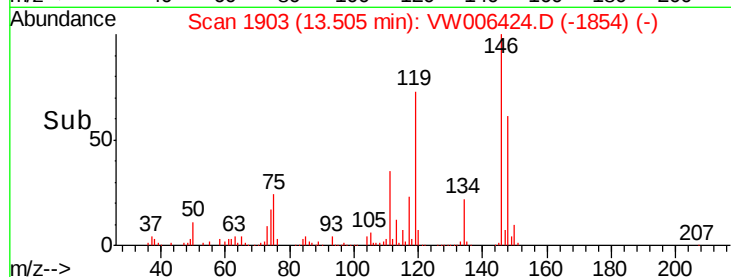
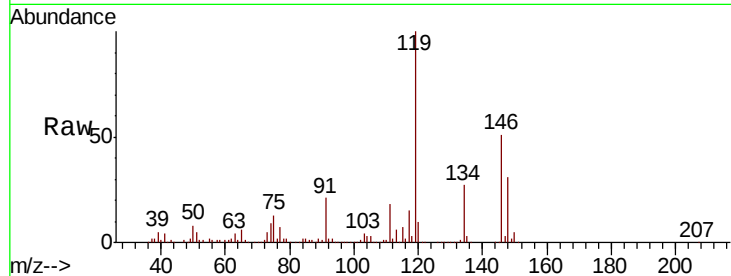
#87
 1,3-Dichlorobenzene
 Concen: 22.247 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW006424.D
 Acq: 27 Oct 2018 01:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1029SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.7	19.1	57.5
148	63.1	32.0	96.2

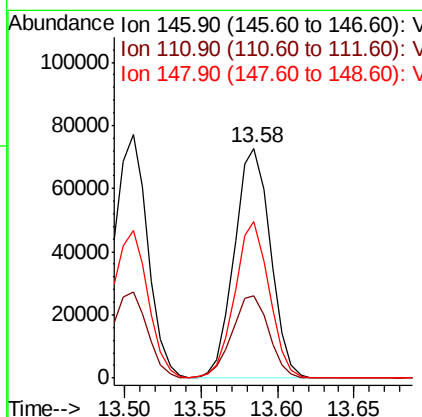
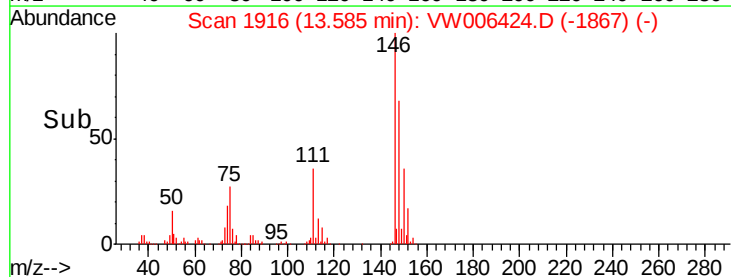
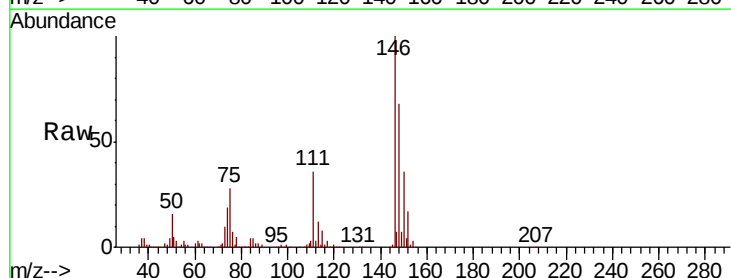
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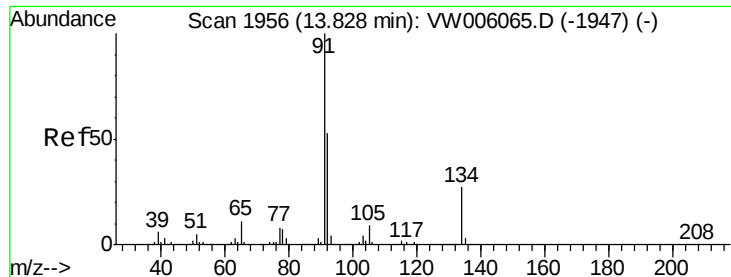
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#88
 1,4-Dichlorobenzene
 Concen: 22.182 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW006424.D
 Acq: 27 Oct 2018 01:49

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.6	56.0
148	65.2	32.1	96.5





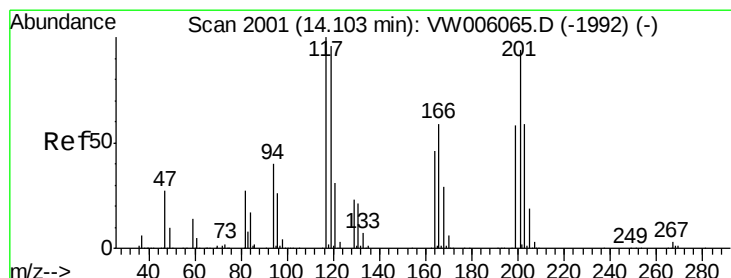
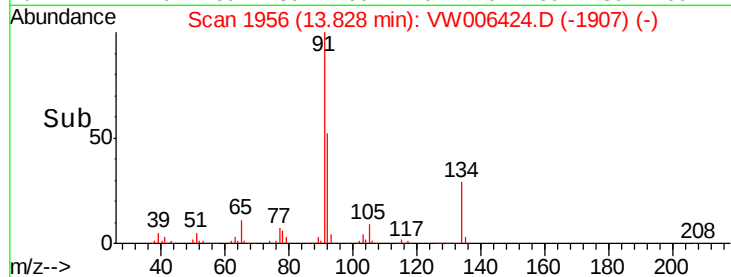
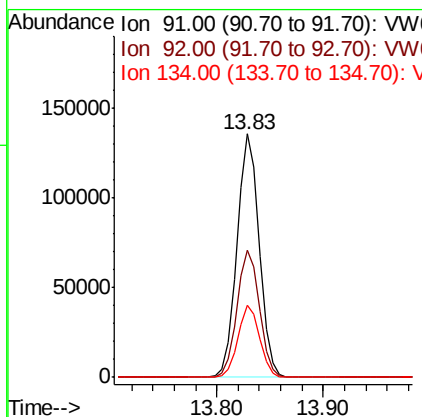
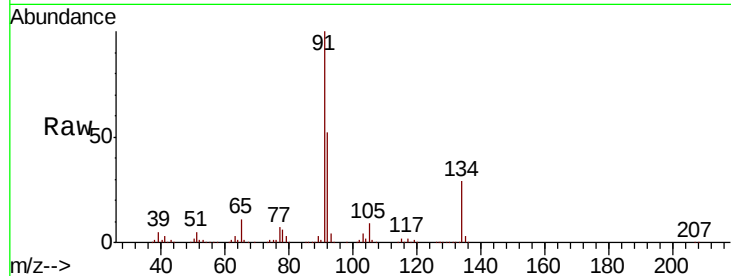
#89
n-Butylbenzene
Concen: 20.417 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW006424.D
Acq: 27 Oct 2018 01:49

Instrument :
MSVOA_W
ClientSampleId :
VW1029SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	52.7	26.6	79.7	
134	28.9	14.0	41.9	

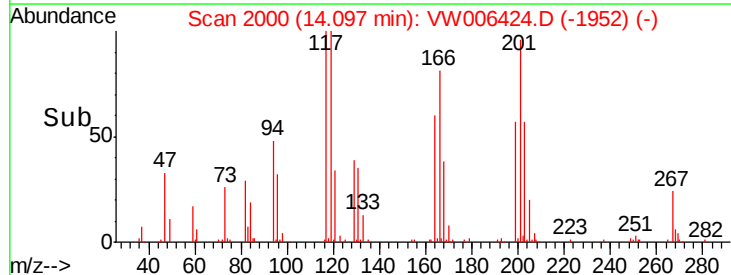
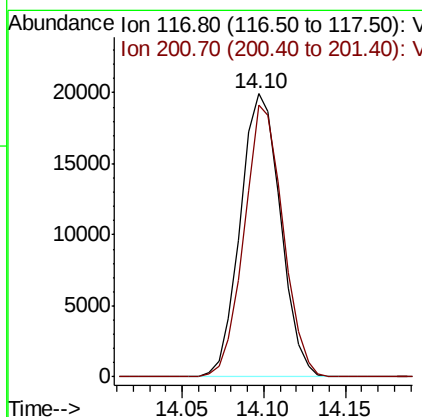
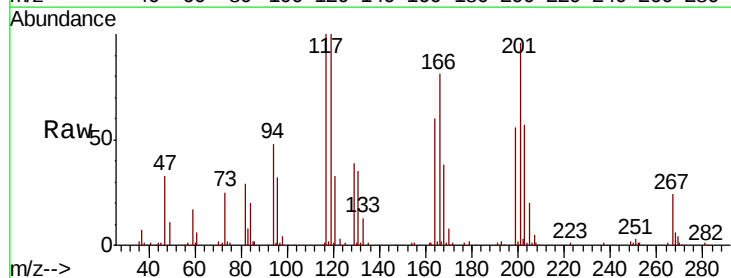
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#90
Hexachloroethane
Concen: 18.920 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.01 min
Lab File: VW006424.D
Acq: 27 Oct 2018 01:49

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	92.8	45.3	135.9	





#91

1,2-Dichlorobenzene

Concen: 22.383 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. -0.00 min

Lab File: VW006424.D

Acq: 27 Oct 2018 01:49

Instrument :

MSVOA_W

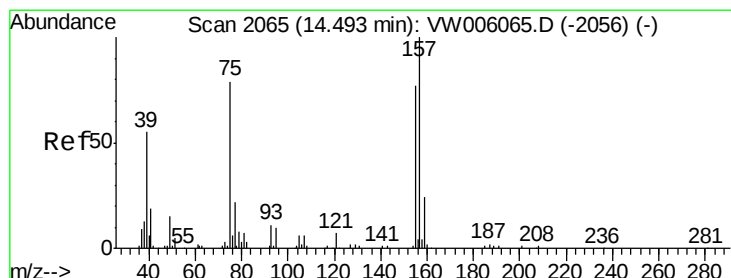
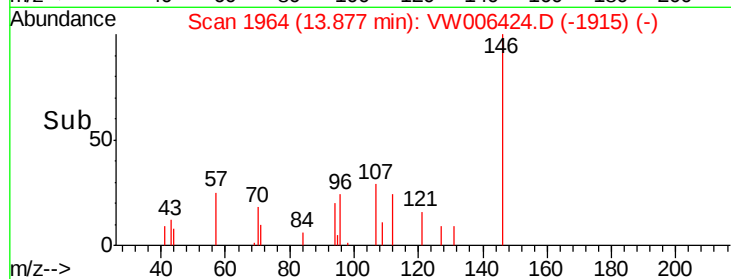
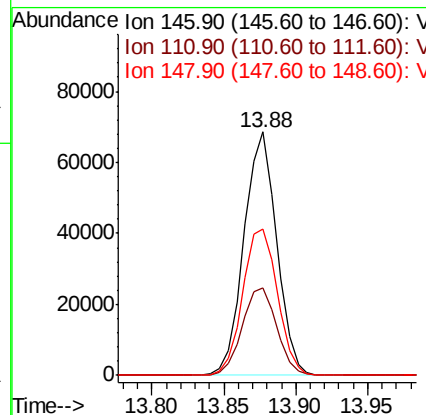
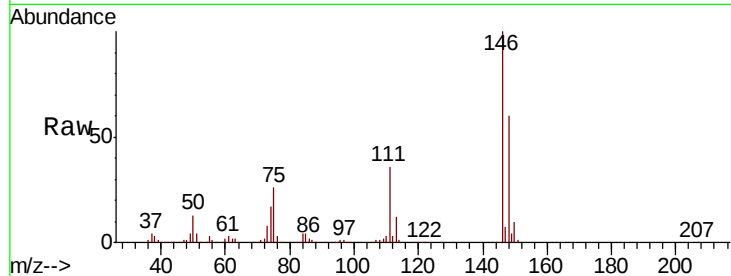
ClientSampleId :

VW1029SBS01

Tot Ion:	146	Resp:	107606
Ion Ratio	Lower	Upper	
146	100		
111	38.0	19.6	58.7
148	63.9	32.2	96.6

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#92

1,2-Dibromo-3-Chloropropane

Concen: 19.290 ug/l

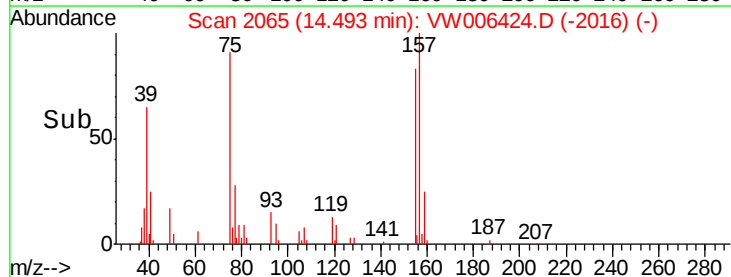
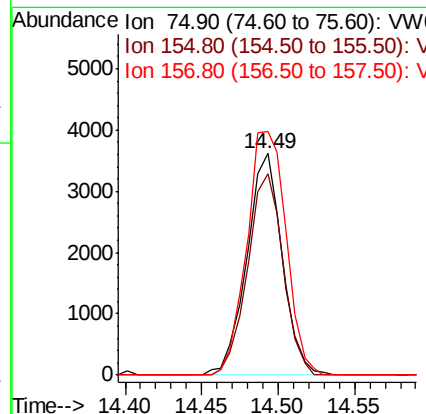
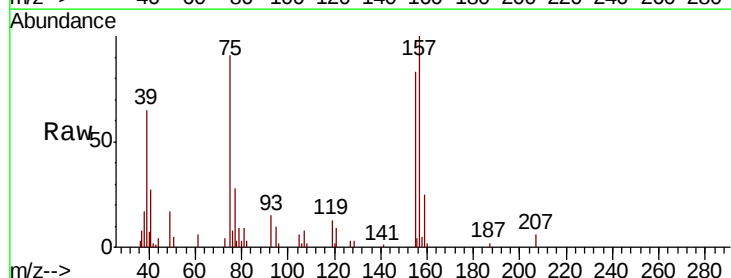
RT: 14.49 min Scan# 2065

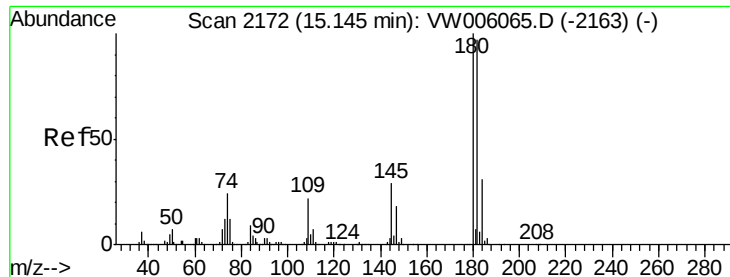
Delta R.T. -0.00 min

Lab File: VW006424.D

Acq: 27 Oct 2018 01:49

Tgt Ion:	75	Resp:	5808
Ion Ratio	Lower	Upper	
75	100		
155	91.1	46.5	139.5
157	122.4	59.8	179.4





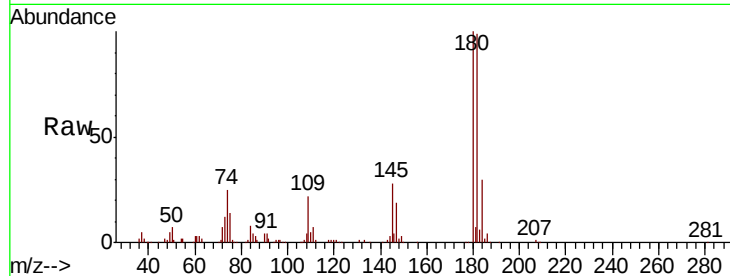
#93
 1,2,4-Trichlorobenzene
 Concen: 21.342 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: VW006424.D
 Acq: 27 Oct 2018 01:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1029SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.2	47.9	143.6
145	28.2	14.2	42.8

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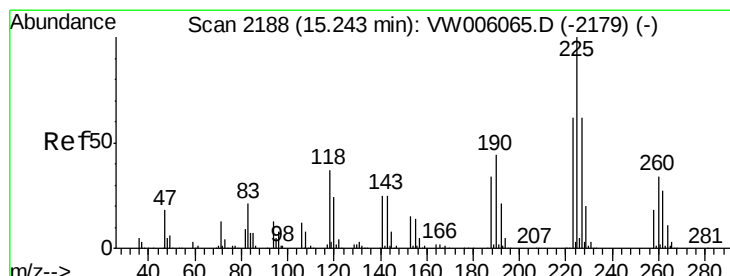
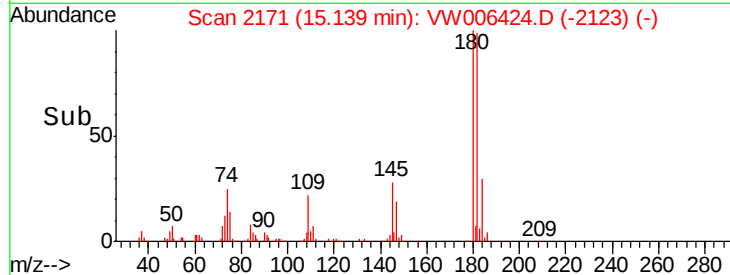
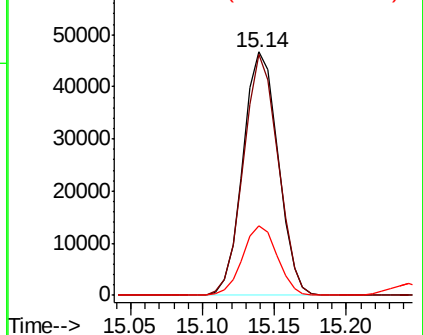


Abundance

Ion 179.80 (179.50 to 180.50): V

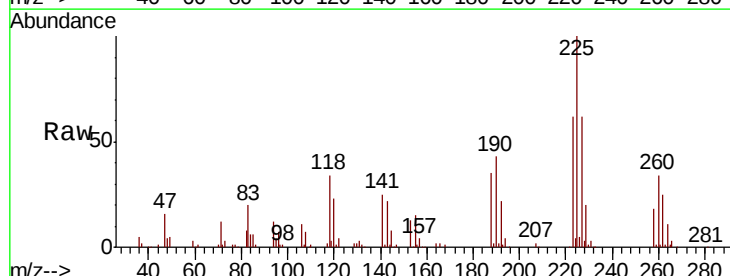
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 21.228 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW006424.D
 Acq: 27 Oct 2018 01:49

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.1	31.1	93.5
227	62.4	32.4	97.0

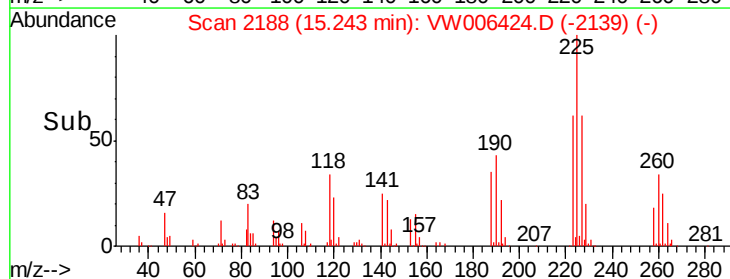
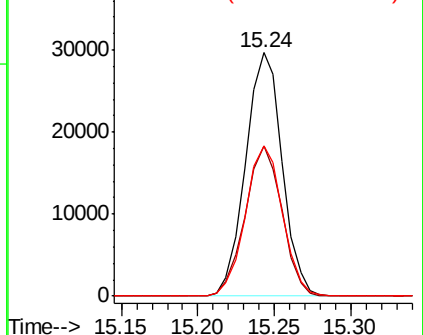


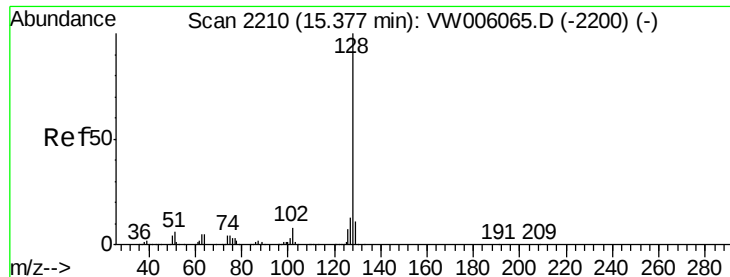
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





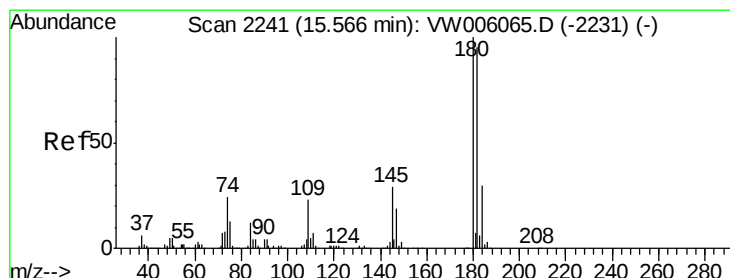
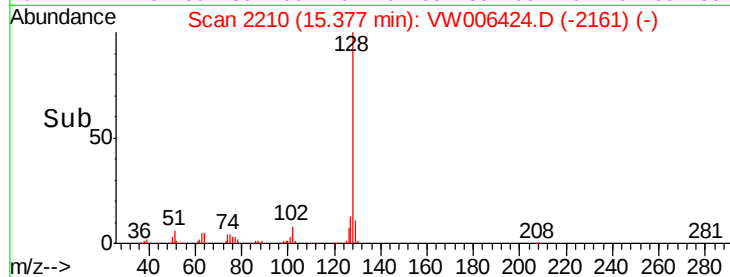
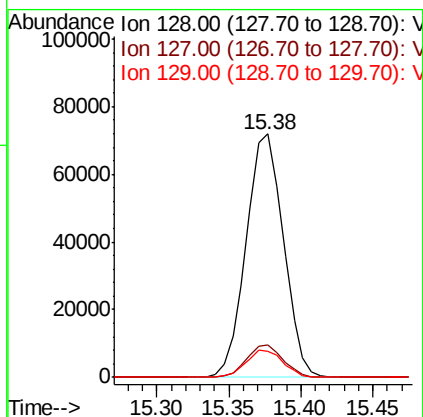
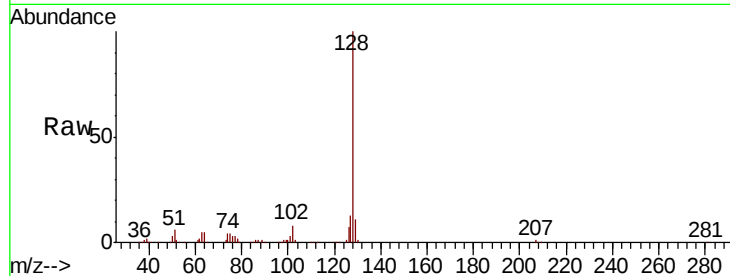
#95
Naphthalene
Concen: 20.970 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW006424.D
Acq: 27 Oct 2018 01:49

Instrument :
MSVOA_W
ClientSampleId :
VW1029SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	11.1	8.7	13.1

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 22.017 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.01 min
Lab File: VW006424.D
Acq: 27 Oct 2018 01:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.8	143.3
145	29.8	15.0	45.1

