

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW103118\
 Data File : VW006469.D
 Acq On : 29 Oct 2018 23:43
 Operator : SY/AP
 Sample : VW1031SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1031SBS01

Manual Integrations
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 10/30/2018 2:16:20 PM

Quant Time: Oct 30 06:40:16 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	196977	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	280622	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	264865	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	149785	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	84673	51.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.70%	
35) Dibromofluoromethane	7.88	113	90369	54.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.00%	
50) Toluene-d8	10.32	98	331714	52.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.16%	
62) 4-Bromofluorobenzene	12.62	95	124857	52.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.40%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.01	85	16934	17.373	ug/l	100
3) Chloromethane	2.21	50	24825	19.785	ug/l	98
4) Vinyl Chloride	2.37	62	36518	20.380	ug/l	99
5) Bromomethane	2.79	94	35036	21.497	ug/l	98
6) Chloroethane	2.93	64	28335	22.066	ug/l	94
7) Trichlorofluoromethane	3.26	101	34378	20.595	ug/l	99
8) Diethyl Ether	3.68	74	18765	21.152	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	38232	21.855	ug/l	98
10) Methyl Iodide	4.26	142	63443	21.789	ug/l	97
11) Tert butyl alcohol	5.23	59	11715	106.665	ug/l #	85
12) 1,1-Dichloroethene	4.03	96	35882	21.802	ug/l	89
13) Acrolein	3.90	56	9958	93.700	ug/l	97
14) Allyl chloride	4.66	41	47123	20.025	ug/l	99
15) Acrylonitrile	5.38	53	36580	114.960	ug/l	99
16) Acetone	4.14	43	37473	114.276	ug/l	97
17) Carbon Disulfide	4.37	76	90793	18.279	ug/l	99
18) Methyl Acetate	4.68	43	18930	23.034	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	54052	21.563	ug/l	98
20) Methylene Chloride	4.92	84	43779	24.506	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	41315	22.490	ug/l	96
22) Diisopropyl ether	6.31	45	101954	21.924	ug/l	99
23) Vinyl Acetate	6.26	43	280721	102.288	ug/l	98
24) 1,1-Dichloroethane	6.21	63	69687	23.224	ug/l	98
25) 2-Butanone	7.18	43	51471	116.670	ug/l	97
26) 2,2-Dichloropropane	7.17	77	44691	21.117	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	46721	23.047	ug/l	97
28) Bromochloromethane	7.51	49	22697	19.593	ug/l	92
29) Tetrahydrofuran	7.54	42	30201	111.371	ug/l	99
30) Chloroform	7.68	83	75903	23.217	ug/l	99
31) Cyclohexane	7.96	56	57484	19.237	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	63757	21.619	ug/l	99
36) 1,1-Dichloropropene	8.09	75	57278	22.145	ug/l	99
37) Ethyl Acetate	7.26	43	21431	22.301	ug/l	100
38) Carbon Tetrachloride	8.07	117	60569	21.361	ug/l	95

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Quant Time: Oct 30 06:40:16 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	69422	20.191	ug/l	98
40) Benzene	8.32	78	164173	23.139	ug/l	99
41) Methacrylonitrile	7.49	41	13223	22.825	ug/l	98
42) 1,2-Dichloroethane	8.40	62	47303	22.692	ug/l	99
43) Isopropyl Acetate	8.43	43	42511	21.635	ug/l	99
44) Trichloroethene	9.09	130	50426	23.166	ug/l	95
45) 1,2-Dichloropropane	9.37	63	38059	22.417	ug/l	97
46) Dibromomethane	9.46	93	22290	23.035	ug/l	97
47) Bromodichloromethane	9.65	83	50804	21.655	ug/l	98
48) Methyl methacrylate	9.44	41	19689	21.139	ug/l	95
49) 1,4-Dioxane	9.48	88	7275	488.355	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	109592	111.318	ug/l	99
52) Toluene	10.39	92	109145	22.945	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	49238	21.065	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	57172	21.312	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	32757	24.190	ug/l	96
56) Ethyl methacrylate	10.65	69	35776	21.551	ug/l	94
57) 1,3-Dichloropropane	10.93	76	53498	23.865	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	70329	110.871	ug/l	98
59) 2-Hexanone	10.98	43	74542	106.069	ug/l	97
60) Dibromochloromethane	11.13	129	38052	22.560	ug/l	98
61) 1,2-Dibromoethane	11.24	107	31707	23.434	ug/l	100
64) Tetrachloroethene	10.87	164	47764	23.230	ug/l	98
65) Chlorobenzene	11.66	112	130310	22.982	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	45147	22.405	ug/l	99
67) Ethyl Benzene	11.74	91	216854	22.069	ug/l	99
68) m/p-Xylenes	11.84	106	171150	44.067	ug/l	99
69) o-Xylene	12.17	106	80861	21.846	ug/l	97
70) Styrene	12.19	104	131600	21.864	ug/l	99
71) Bromoform	12.35	173	23375	20.798	ug/l #	98
73) Isopropylbenzene	12.47	105	224654	21.230	ug/l	99
74) N-amyl acetate	12.28	43	38839	18.897	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	12.72	83	37114	23.060	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	23226m	20.301	ug/l	
77) Bromobenzene	12.75	156	58340	22.509	ug/l	97
78) n-propylbenzene	12.81	91	264858	21.514	ug/l	99
79) 2-Chlorotoluene	12.90	91	150010	21.687	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	191724	21.492	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	9290	19.410	ug/l	97
82) 4-Chlorotoluene	12.99	91	158744	21.908	ug/l	98
83) tert-Butylbenzene	13.21	119	170262	21.332	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	196357	21.752	ug/l	99
85) sec-Butylbenzene	13.39	105	243845	21.626	ug/l	100
86) p-Isopropyltoluene	13.51	119	216914	21.269	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	116441	22.574	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	116516	22.687	ug/l	99
89) n-Butylbenzene	13.83	91	197598	21.185	ug/l	99
90) Hexachloroethane	14.10	117	35186	20.368	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	103082	22.404	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	5594	19.413	ug/l	92

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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	77017	21.754	ug/l	100
94) Hexachlorobutadiene	15.24	225	48877	21.977	ug/l	99
95) Naphthalene	15.38	128	122202	20.750	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	67364	21.999	ug/l	99

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

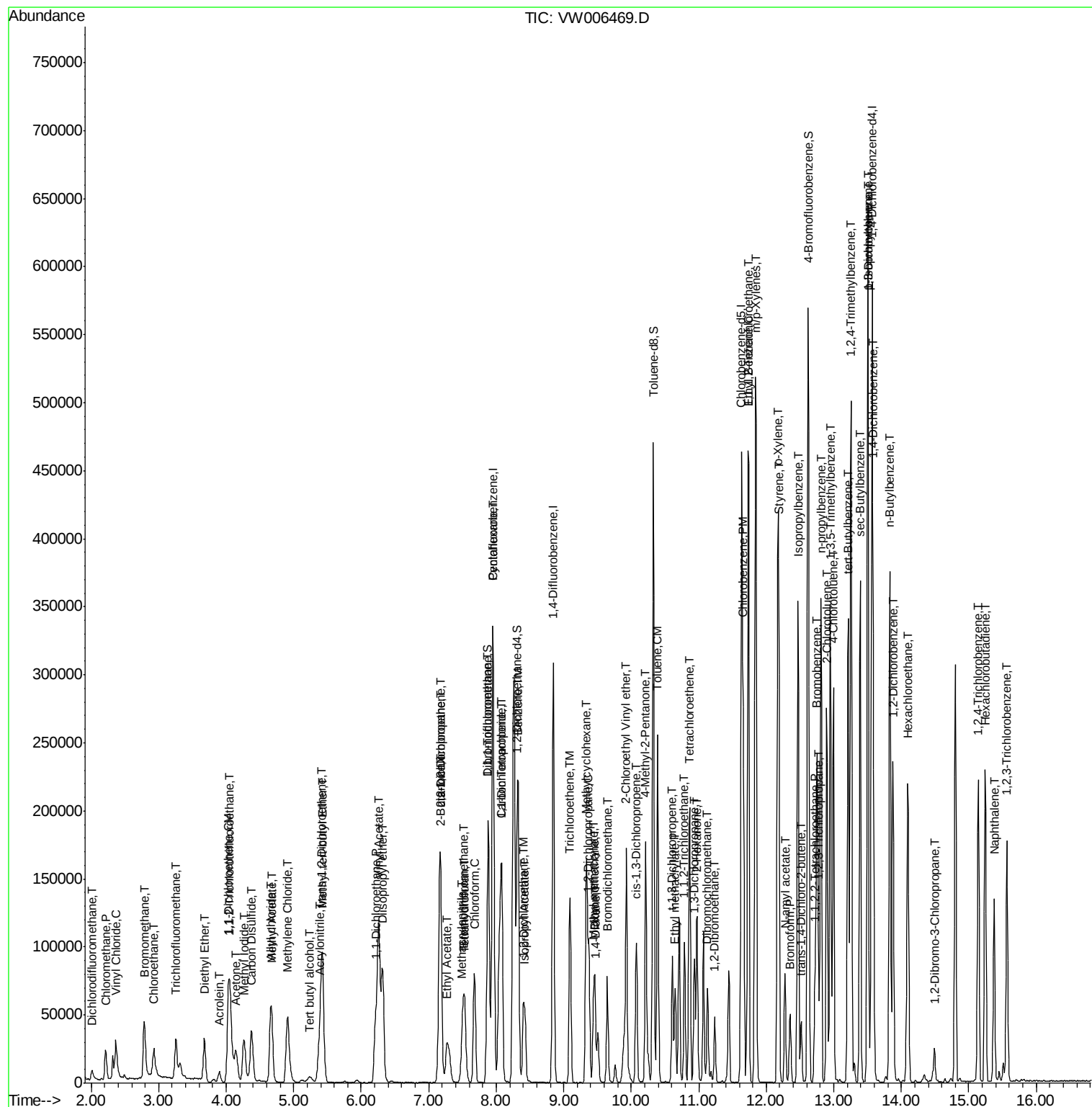
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 Data File : VW006469.D
 Acq On : 29 Oct 2018 23:43
 Operator : SY/AP
 Sample : VW1031SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 30 Sample Multiplier: 1

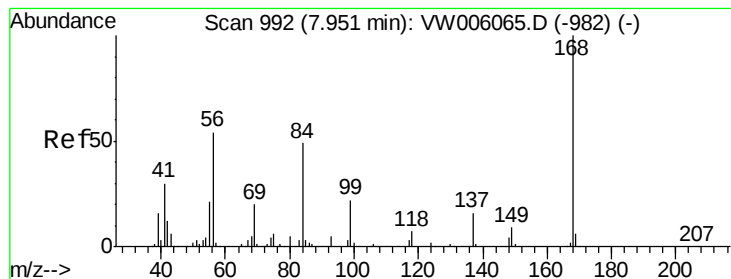
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1031SBS01

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 Quant Title : SW846 8260
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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: VW006469.D

Acq: 29 Oct 2018 23:43

Instrument :

MSVOA_W

ClientSampleId :

VW1031SBS01

Tot Ion:168 Resp: 196977

Ion Ratio Lower Upper

168 100

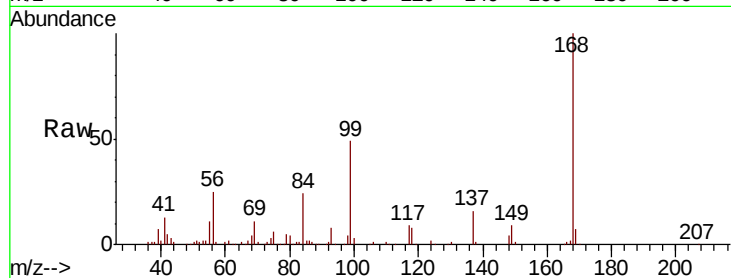
99 48.9 39.9 59.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

40000

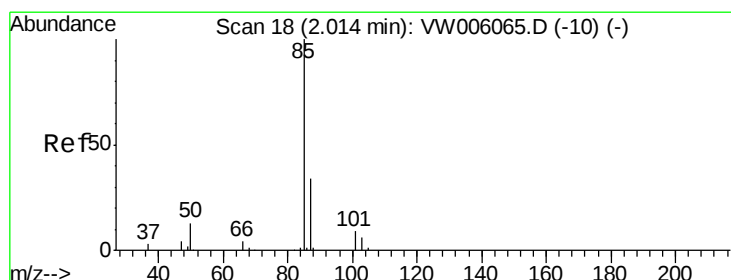
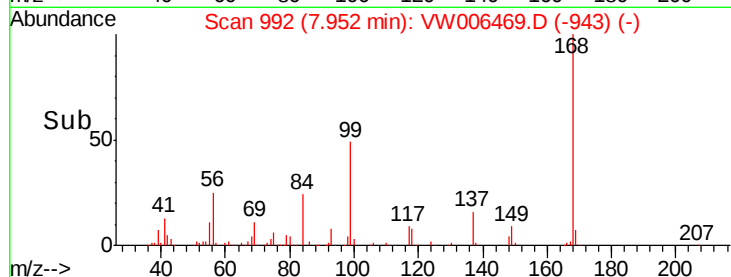
20000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 17.373 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW006469.D

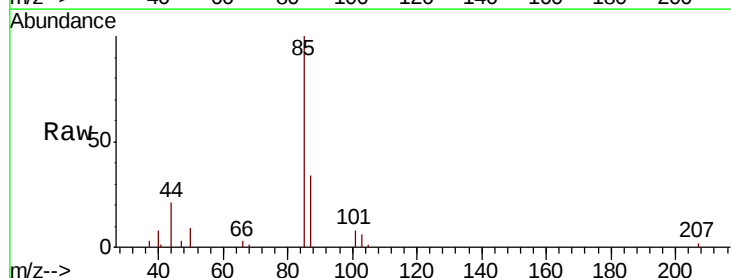
Acq: 29 Oct 2018 23:43

Tgt Ion: 85 Resp: 16934

Ion Ratio Lower Upper

85 100

87 33.8 16.9 50.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

5000

4000

3000

2000

1000

0

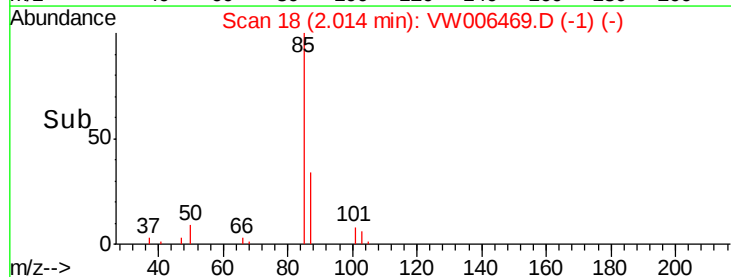
1.90

2.00

2.10

2.20

Time-->





#3

Chloromethane

Concen: 19.785 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW006469.D

Acq: 29 Oct 2018 23:43

Instrument :

MSVOA_W

ClientSampleId :

VW1031SBS01

Tot Ion: 50 Resp: 24825

Ion Ratio Lower Upper

50 100

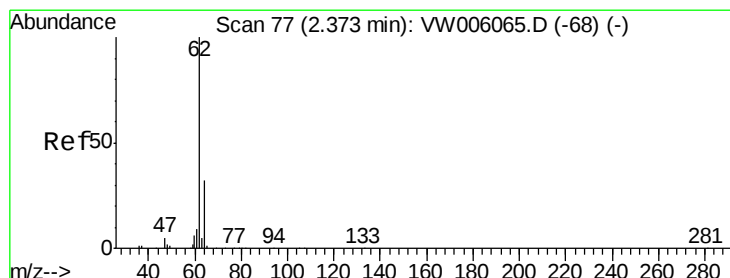
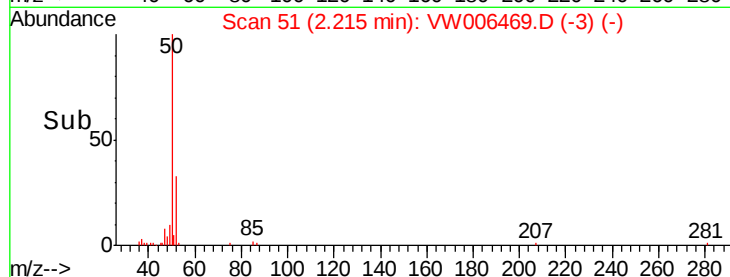
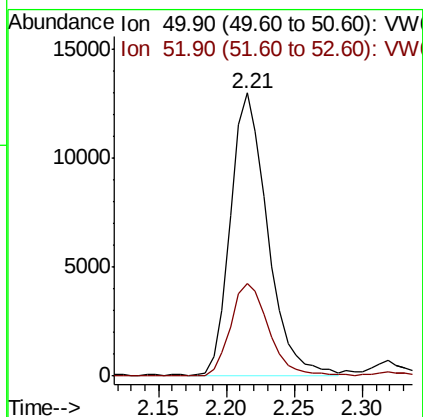
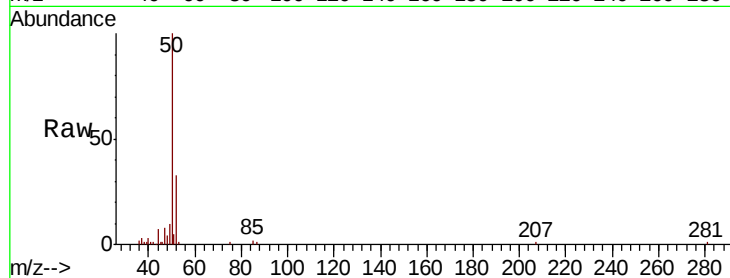
52 32.5 26.8 40.2

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#4

Vinyl Chloride

Concen: 20.380 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.01 min

Lab File: VW006469.D

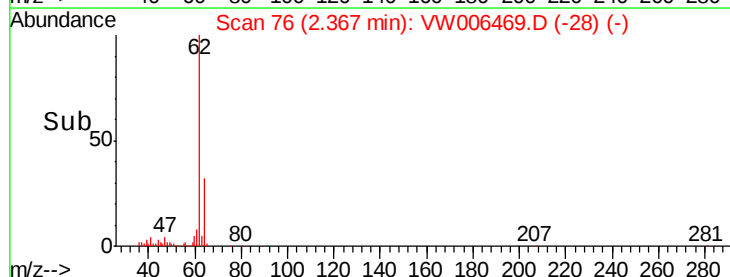
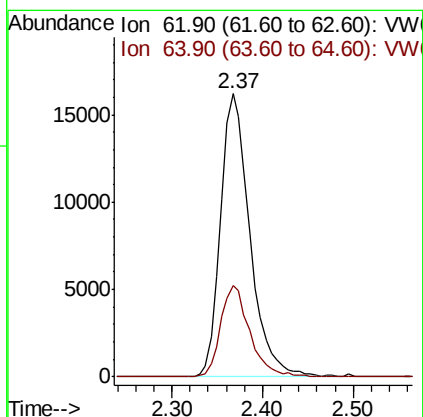
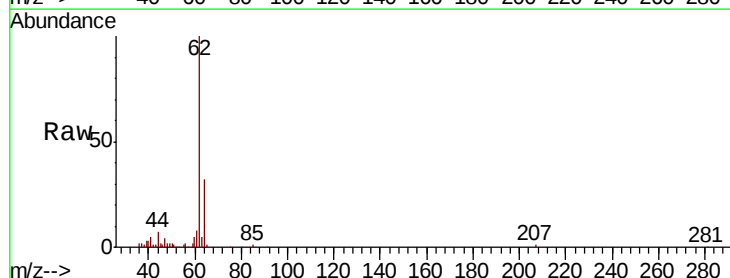
Acq: 29 Oct 2018 23:43

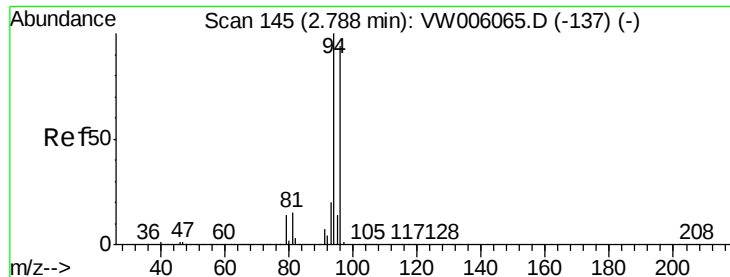
Tgt Ion: 62 Resp: 36518

Ion Ratio Lower Upper

62 100

64 32.1 25.9 38.9





#5

Bromomethane

Concen: 21.497 ug/l

RT: 2.79 min Scan# 145

Delta R.T. 0.00 min

Lab File: VW006469.D

Acq: 29 Oct 2018 23:43

Instrument :

MSVOA_W

ClientSampleId :

VW1031SBS01

Tot Ion: 94 Resp: 35036

Ion Ratio Lower Upper

94 100

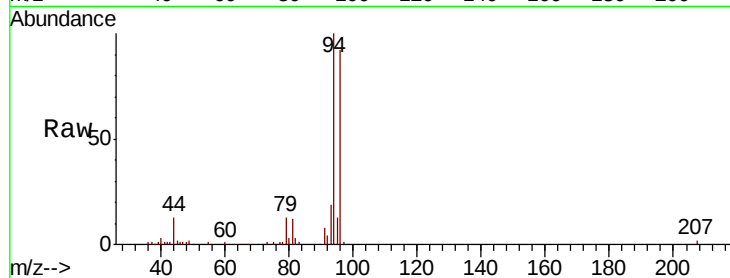
96 91.7 74.9 112.3

Manual Integrations

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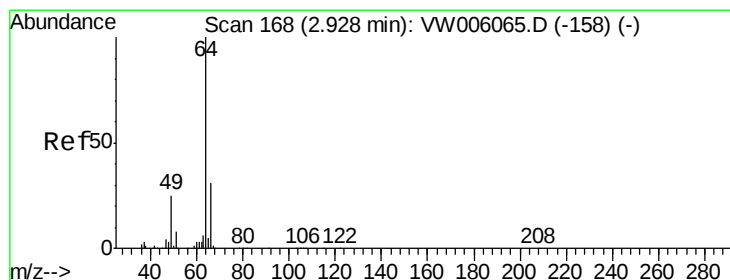
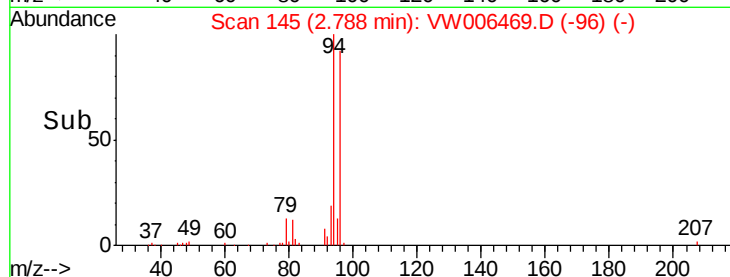
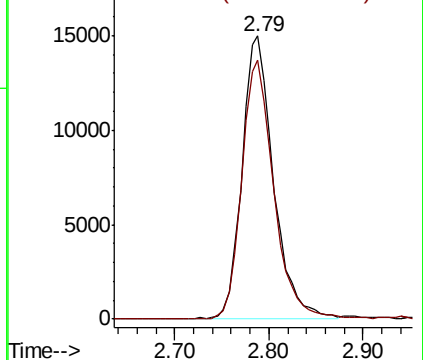
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Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 22.066 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW006469.D

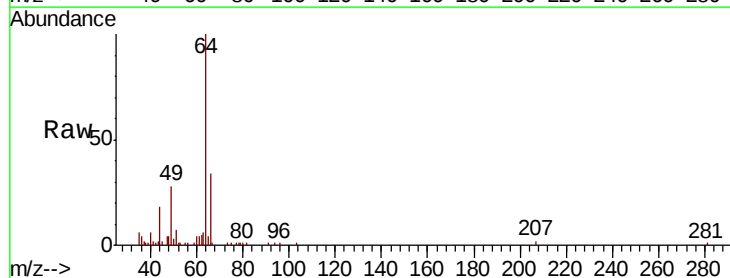
Acq: 29 Oct 2018 23:43

Tgt Ion: 64 Resp: 28335

Ion Ratio Lower Upper

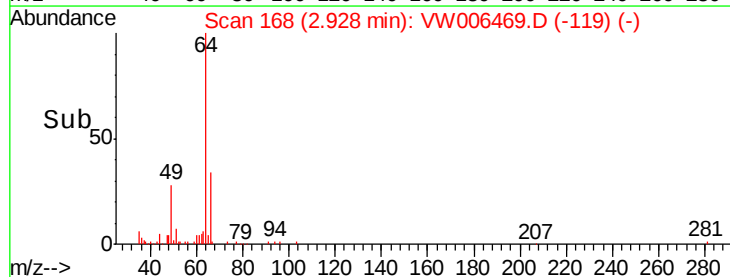
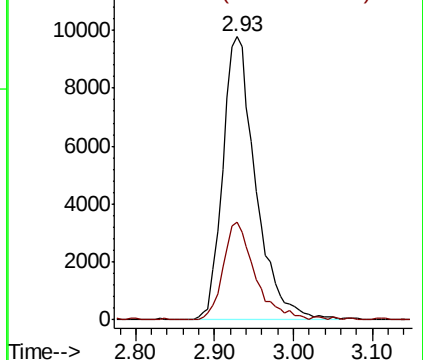
64 100

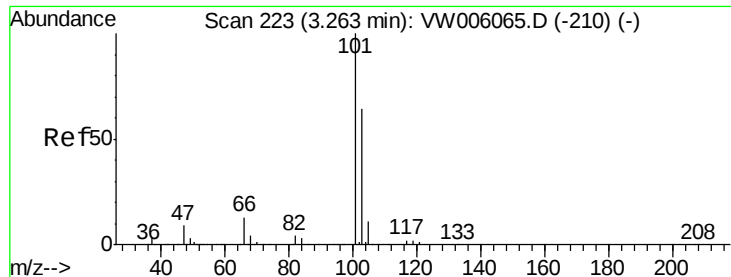
66 34.5 24.9 37.3



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW





#7

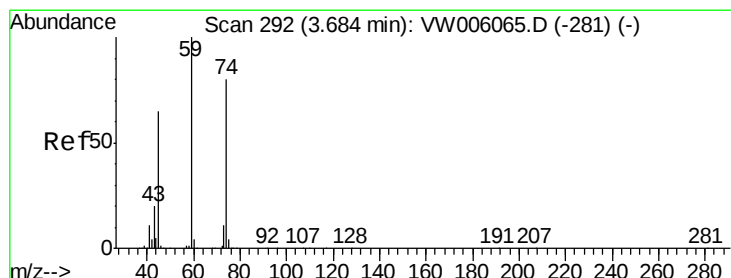
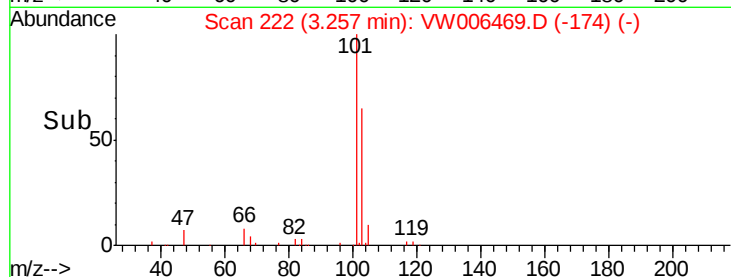
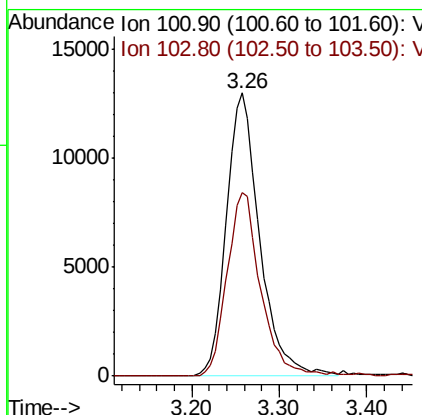
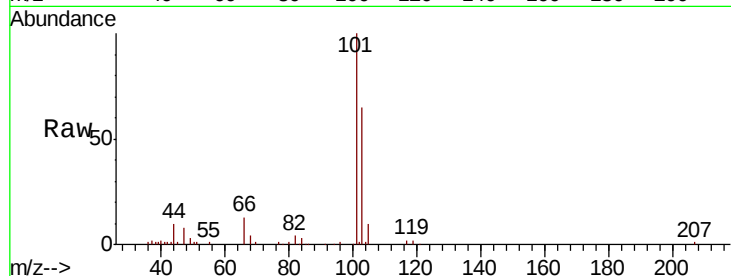
Trichlorofluoromethane
Concen: 20.595 ug/l
RT: 3.26 min Scan# 222
Delta R.T. -0.01 min
Lab File: VW006469.D
Acq: 29 Oct 2018 23:43

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.0	51.2	76.8

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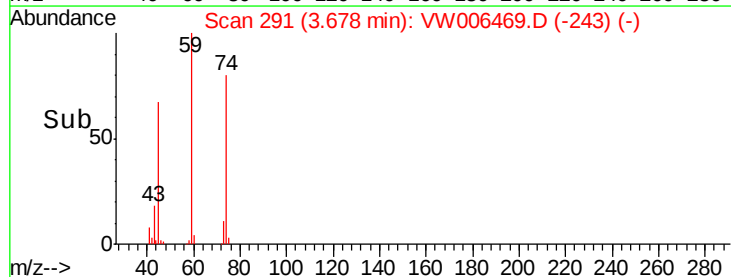
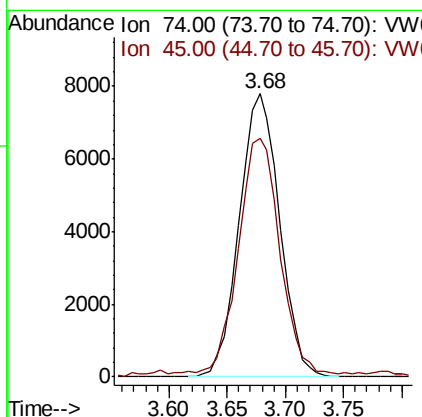
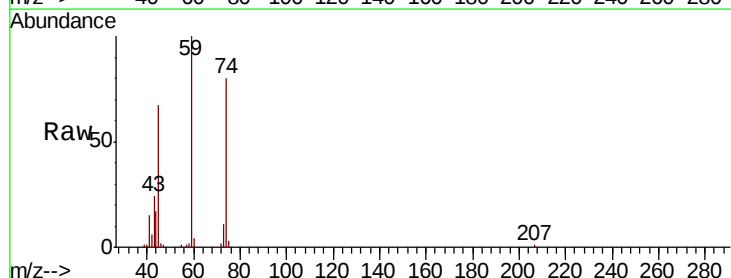
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#8

Diethyl Ether
Concen: 21.152 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.01 min
Lab File: VW006469.D
Acq: 29 Oct 2018 23:43

Tgt Ion	Ratio	Lower	Upper
74	100		
45	86.3	42.8	128.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.855 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW006469.D

Acq: 29 Oct 2018 23:43

Instrument :

MSVOA_W

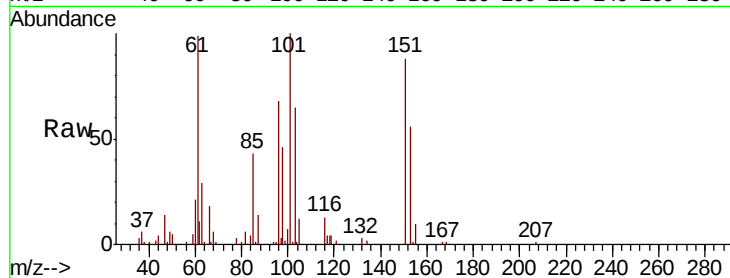
ClientSampleId :

VW1031SBS01

Tot Ion:	101	Resp:	38232
Ion Ratio	Lower	Upper	
101	100		
85	41.6	34.9	52.3
151	86.2	70.4	105.6

Manual Integrations
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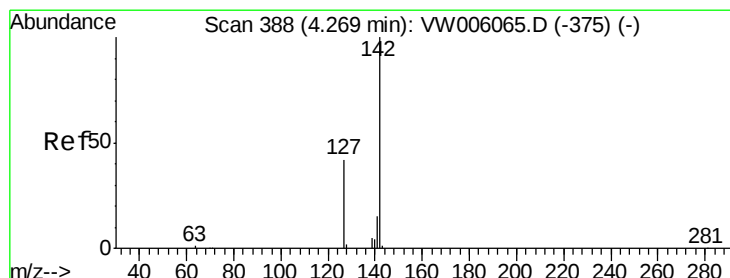
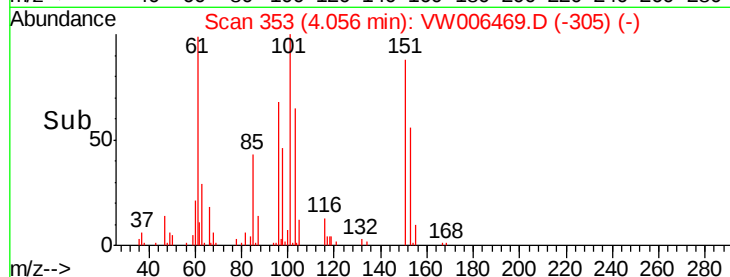
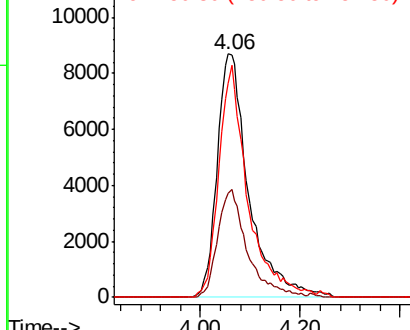


Abundance

Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 21.789 ug/l

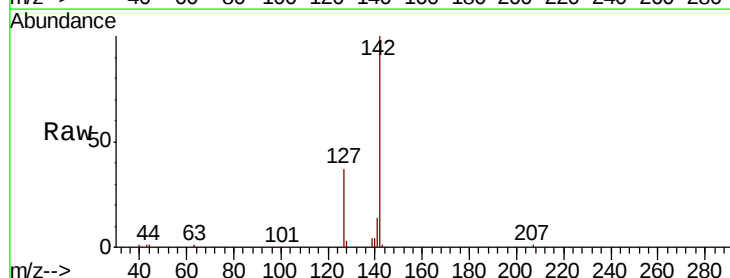
RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: VW006469.D

Acq: 29 Oct 2018 23:43

Tgt Ion:	142	Resp:	63443
Ion Ratio	Lower	Upper	
142	100		
127	39.9	33.6	50.4
141	14.2	11.6	17.4

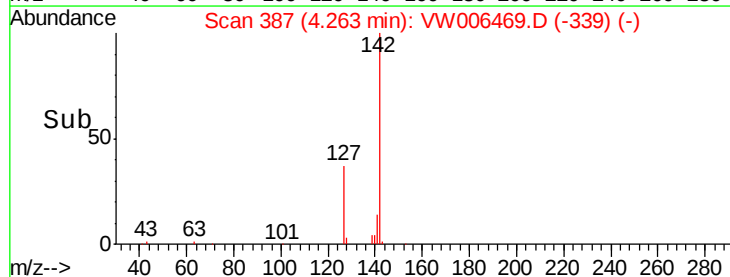
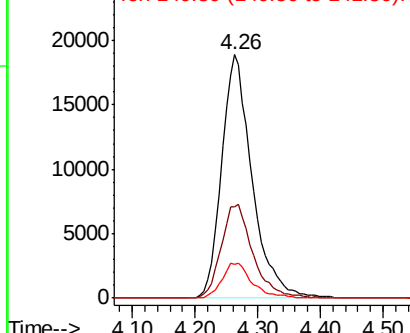


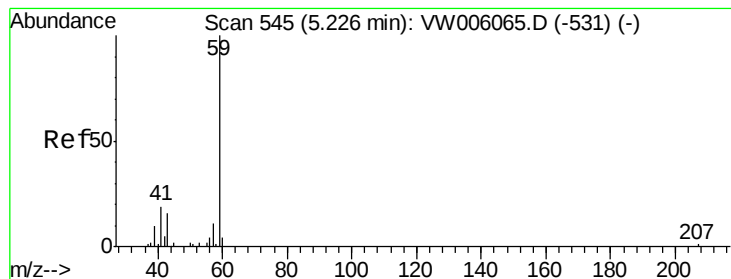
Abundance

Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

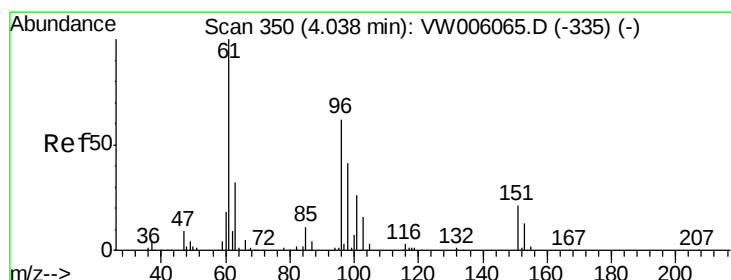
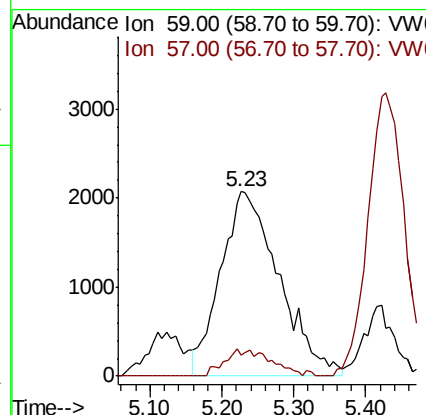
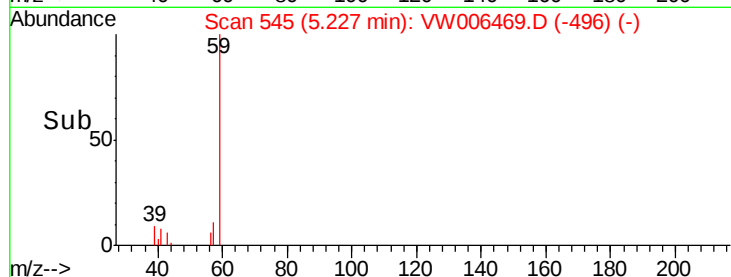
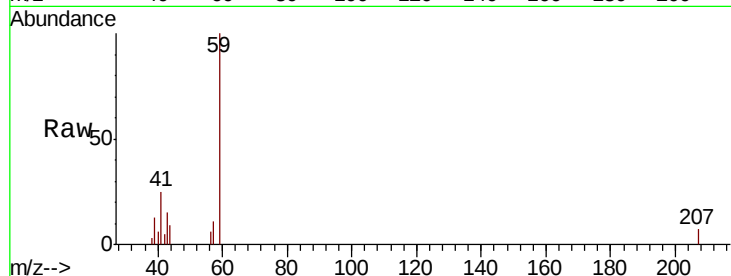
Tert butyl alcohol
Concen: 106.665 ug/l
RT: 5.23 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW006469.D
Acq: 29 Oct 2018 23:43

Instrument :
MSVOA_W
ClientSampleId :
VW1031SBS01

Tot Ion	59	57	Ratio	100	5.3	Resp:	11715	Lower	Upper
59	100								
57		5.3				8.7		13.1#	

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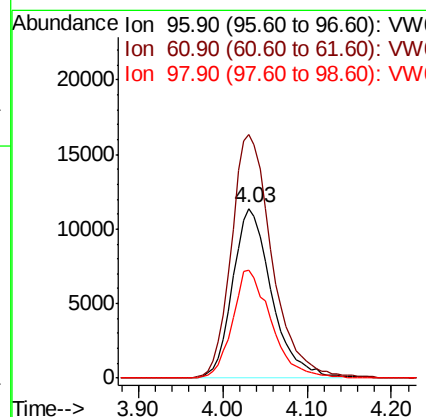
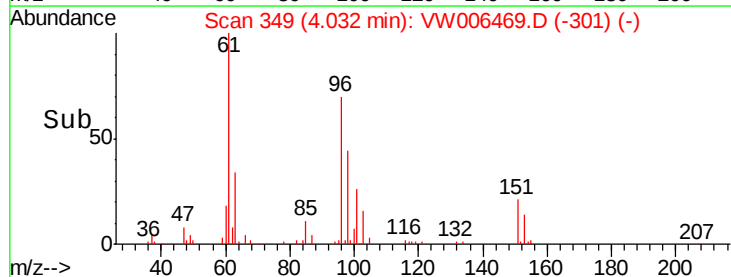
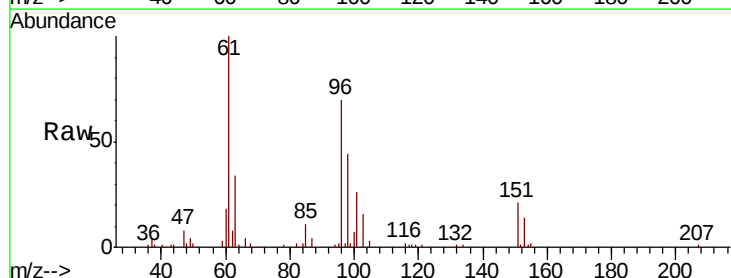
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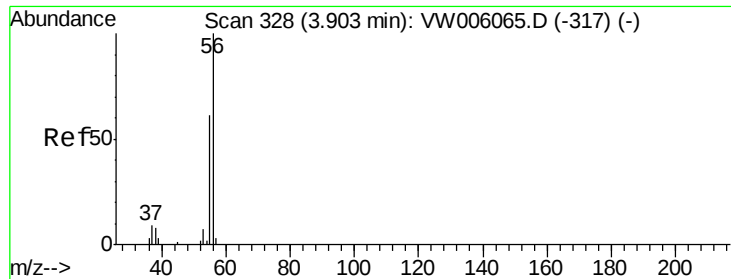


#12

1,1-Dichloroethene
Concen: 21.802 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW006469.D
Acq: 29 Oct 2018 23:43

Tgt Ion	96	61	98	Ratio	100	143.5	63.5	Resp:	35882	Lower	Upper
96	100										
61		143.5				129.3				193.9	
98		63.5				53.1				79.7	





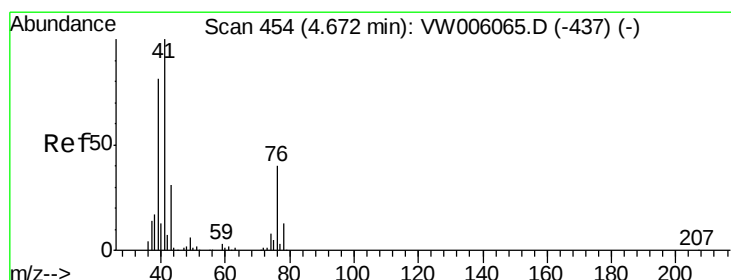
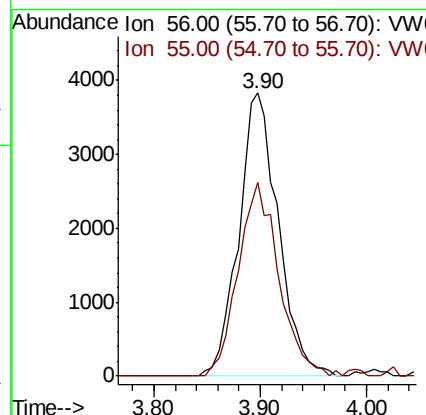
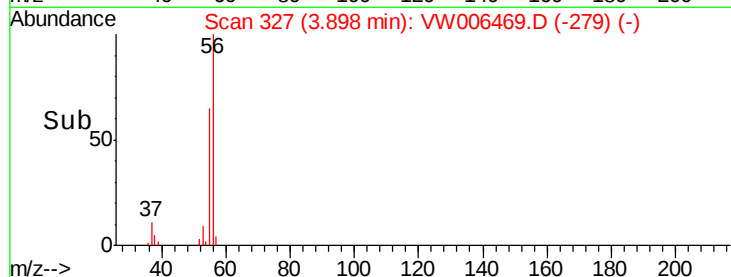
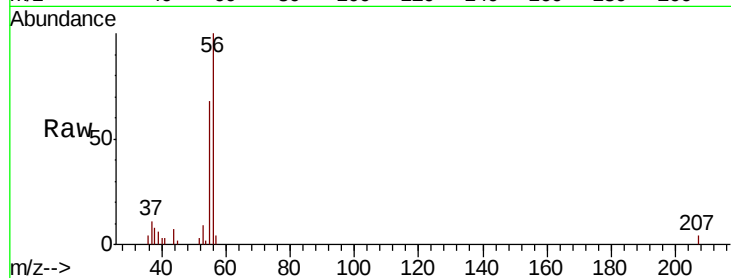
#13
Acrolein
Concen: 93.700 ug/l
RT: 3.90 min Scan# 327
Delta R.T. -0.01 min
Lab File: VW006469.D
Acq: 29 Oct 2018 23:43

Instrument :
MSVOA_W
ClientSampleId :
VW1031SBS01

Tot Ion	56	55	Ratio	Lower	Upper
9958	100	70.3		54.5	81.7

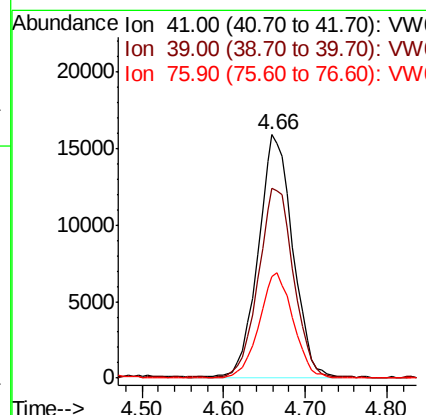
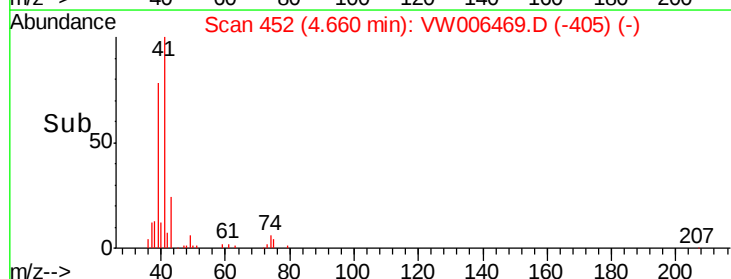
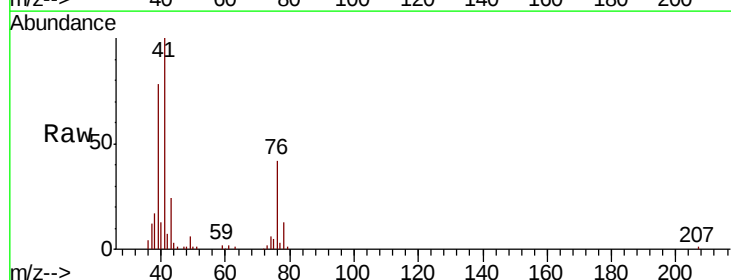
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#14
Allyl chloride
Concen: 20.025 ug/l
RT: 4.66 min Scan# 452
Delta R.T. -0.01 min
Lab File: VW006469.D
Acq: 29 Oct 2018 23:43

Tgt Ion	41	39	76	Ratio	Lower	Upper
47123	100	79.7	42.1		64.1	96.1
					32.2	48.4





#15

Acrylonitrile

Concen: 114.960 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.00 min

Lab File: VW006469.D

Acq: 29 Oct 2018 23:43

Instrument :

MSVOA_W

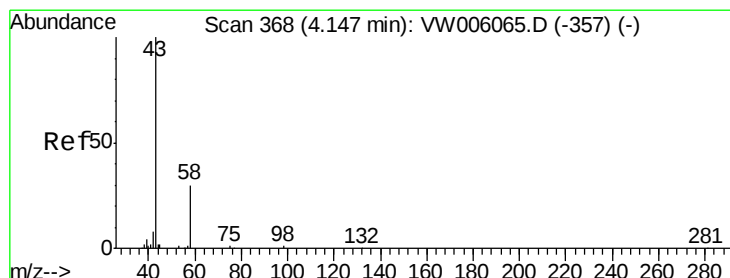
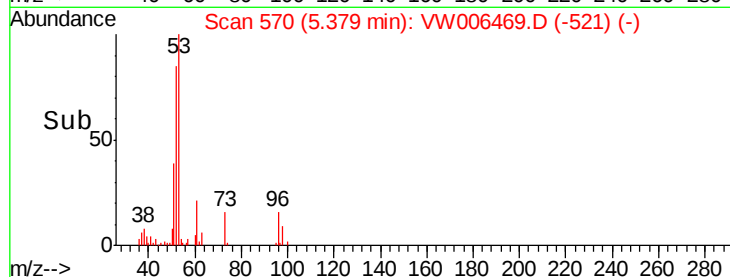
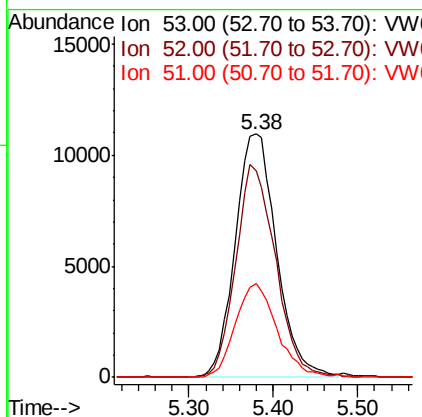
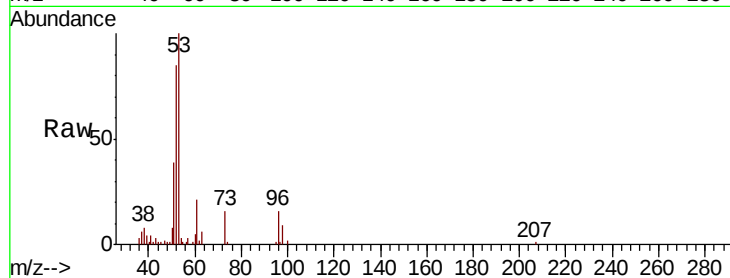
ClientSampleId :

VW1031SBS01

Tot Ion:	53	Resp:	36580
Ion	Ratio	Lower	Upper
53	100		
52	83.9	66.9	100.3
51	38.7	30.1	45.1

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#16

Acetone

Concen: 114.276 ug/l

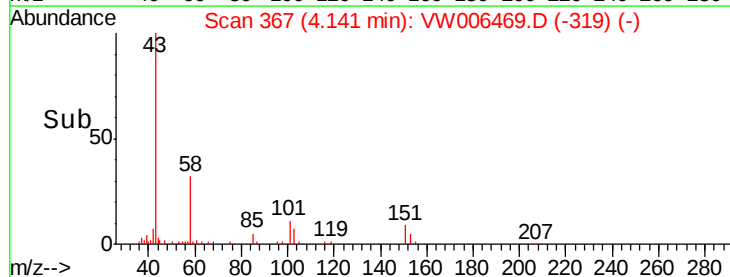
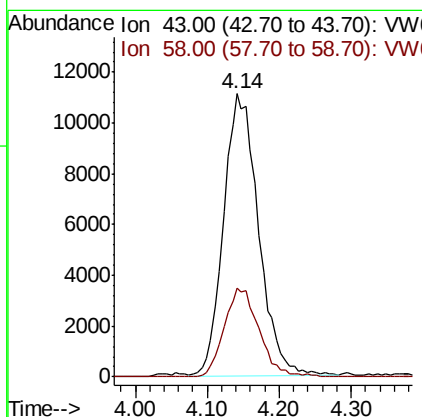
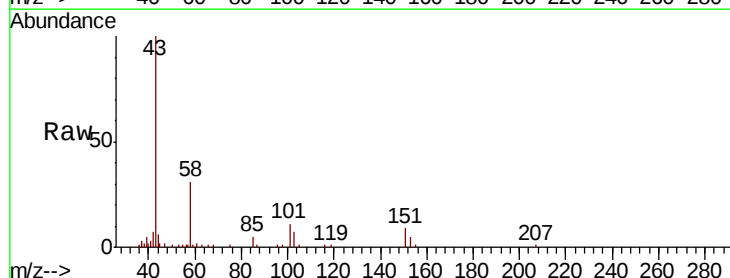
RT: 4.14 min Scan# 367

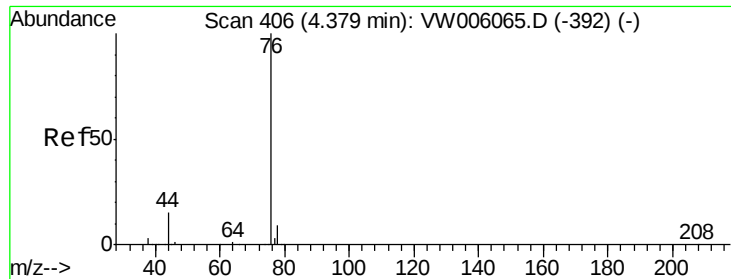
Delta R.T. -0.01 min

Lab File: VW006469.D

Acq: 29 Oct 2018 23:43

Tgt Ion:	43	Resp:	37473
Ion	Ratio	Lower	Upper
43	100		
58	31.6	24.0	36.0





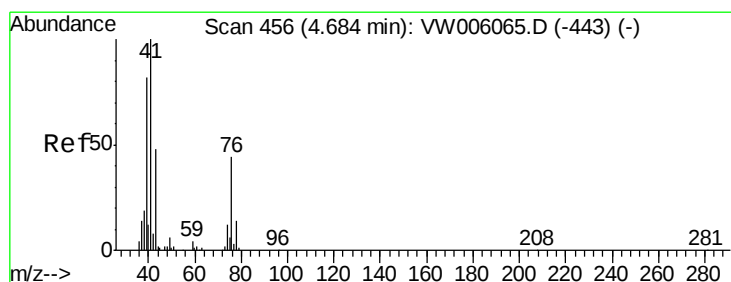
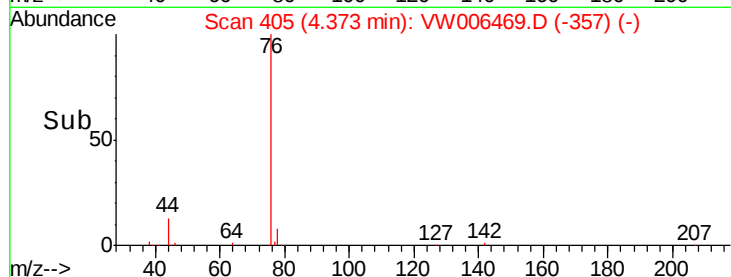
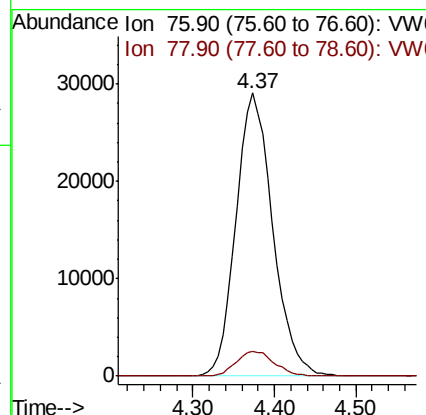
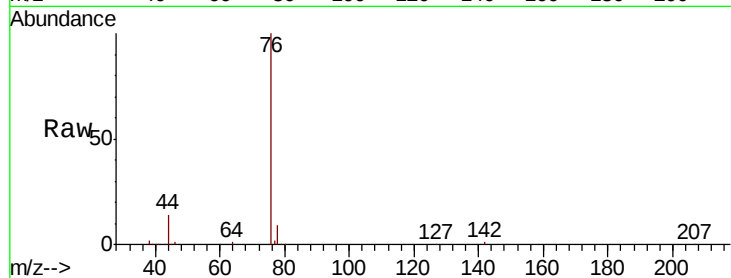
#17
Carbon Disulfide
Concen: 18.279 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW006469.D
Acq: 29 Oct 2018 23:43

Instrument :
MSVOA_W
ClientSampleId :
VW1031SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.5	11.3

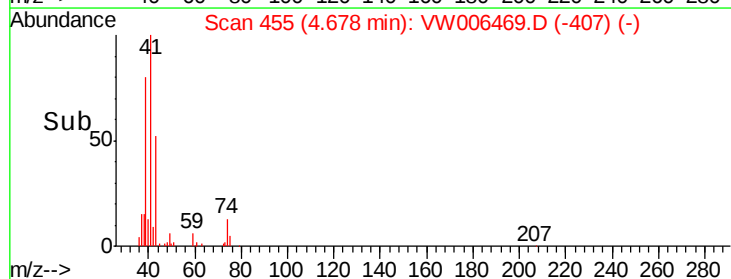
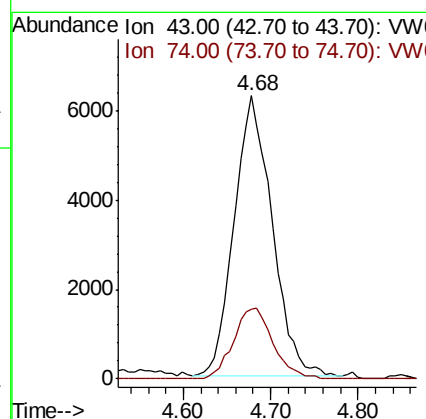
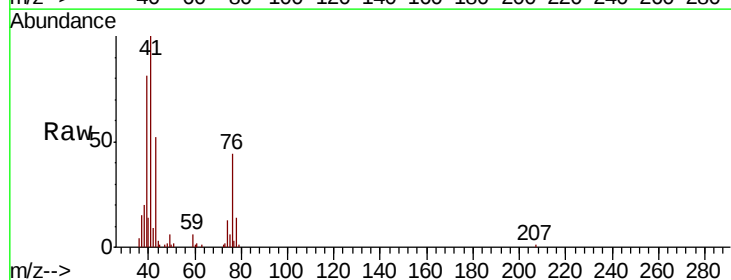
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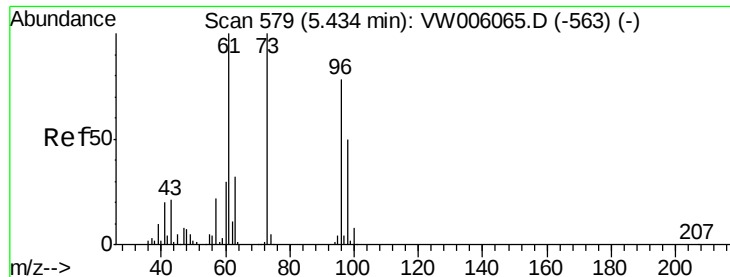
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#18
Methyl Acetate
Concen: 23.034 ug/l
RT: 4.68 min Scan# 455
Delta R.T. -0.01 min
Lab File: VW006469.D
Acq: 29 Oct 2018 23:43

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.3	20.5	30.7





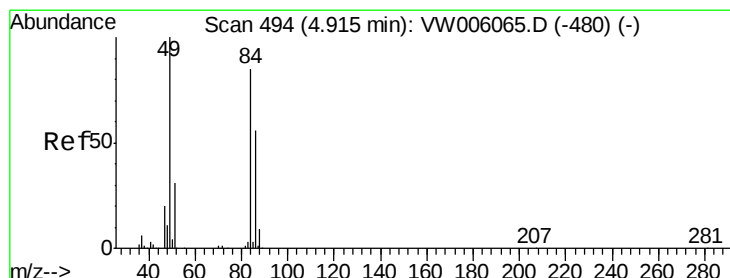
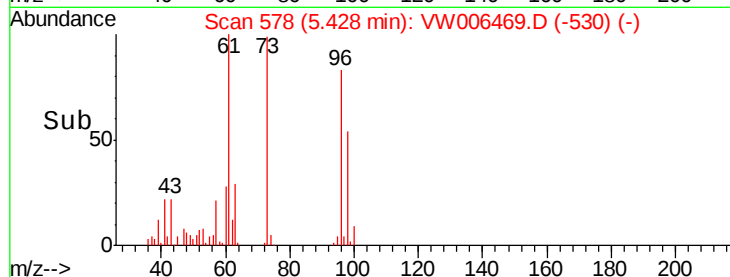
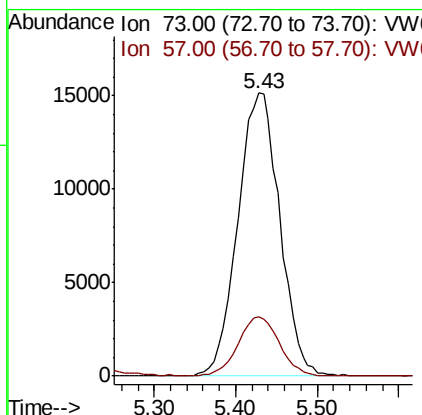
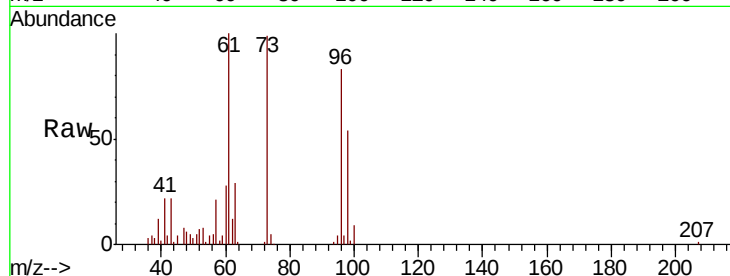
#19
Methyl tert-butyl Ether
Concen: 21.563 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW006469.D
Acq: 29 Oct 2018 23:43

Instrument :
MSVOA_W
ClientSampleId :
VW1031SBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.0	17.4	26.2

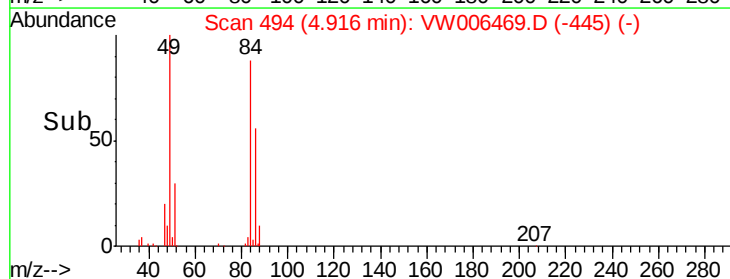
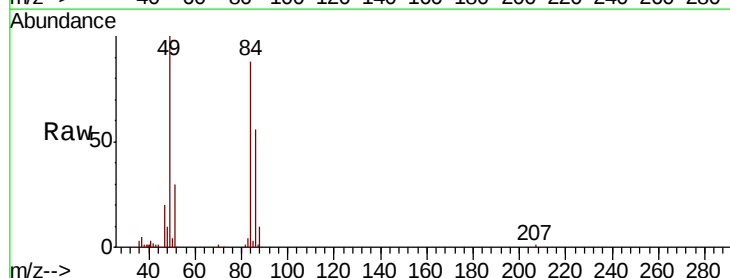
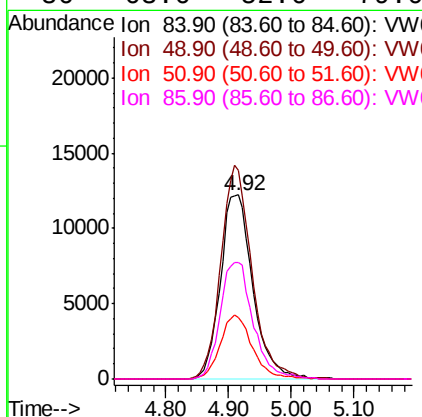
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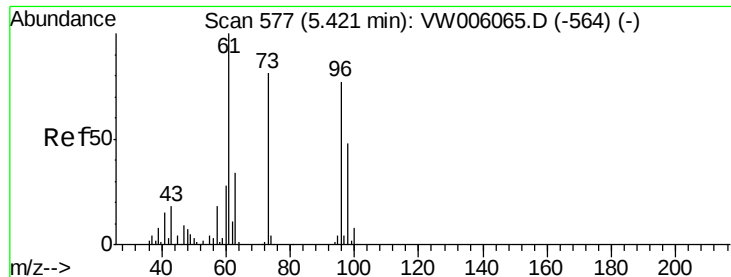
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#20
Methylene Chloride
Concen: 24.506 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW006469.D
Acq: 29 Oct 2018 23:43

Tgt Ion	Ratio	Lower	Upper
84	100		
49	113.2	93.6	140.4
51	33.5	29.0	43.4
86	63.6	52.6	79.0





#21

trans-1,2-Dichloroethene

Concen: 22.490 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW006469.D

Acq: 29 Oct 2018 23:43

Instrument :

MSVOA_W

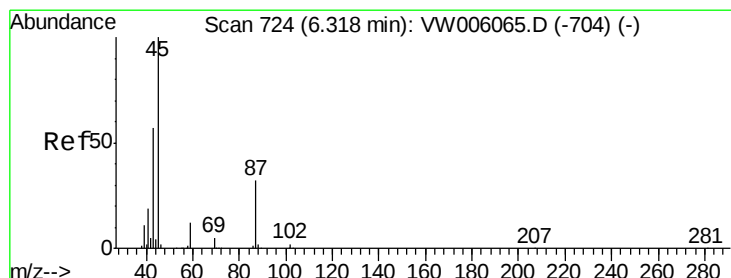
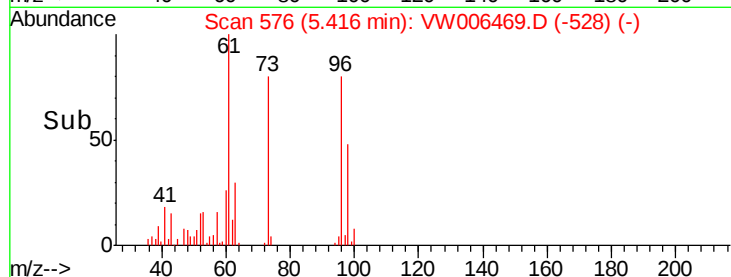
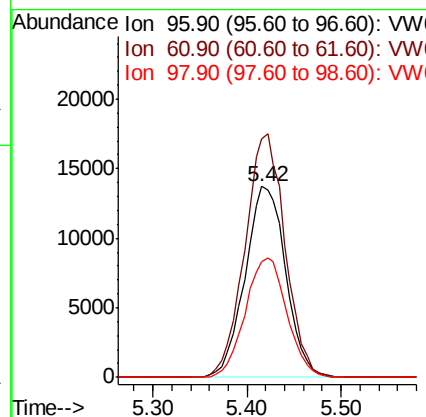
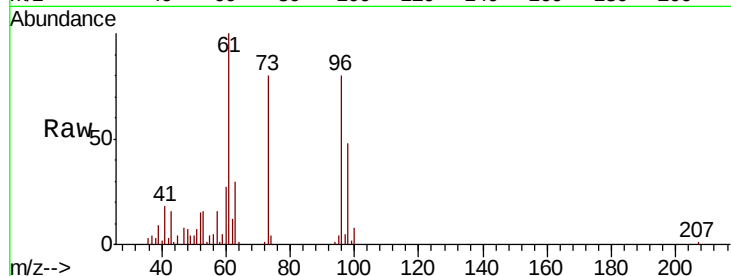
ClientSampleId :

VW1031SBS01

Tot Ion:	96	Resp:	41315
Ion	Ratio	Lower	Upper
96	100		
61	125.3	104.5	156.7
98	60.6	50.6	75.8

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#22

Diisopropyl ether

Concen: 21.924 ug/l

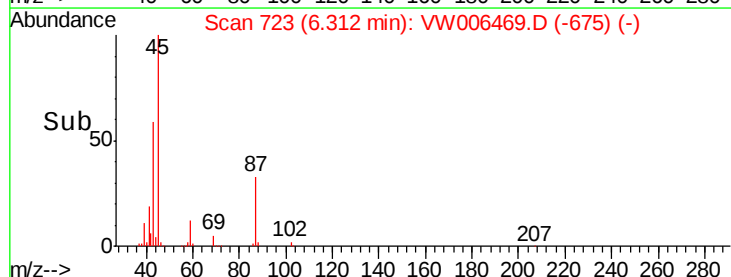
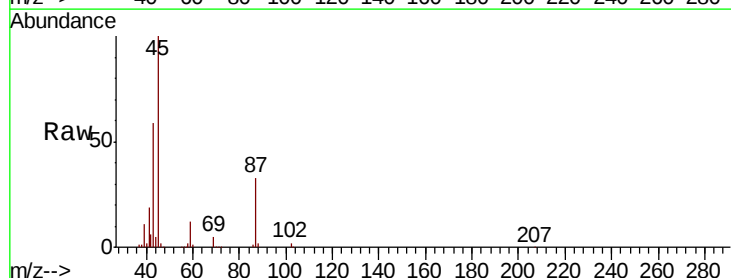
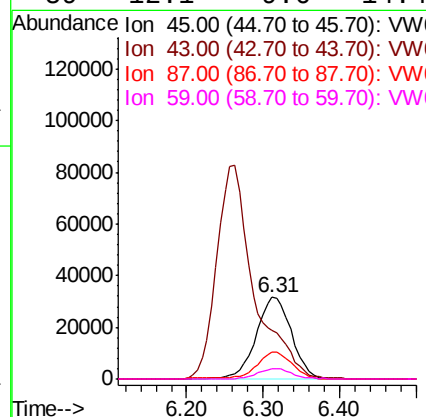
RT: 6.31 min Scan# 723

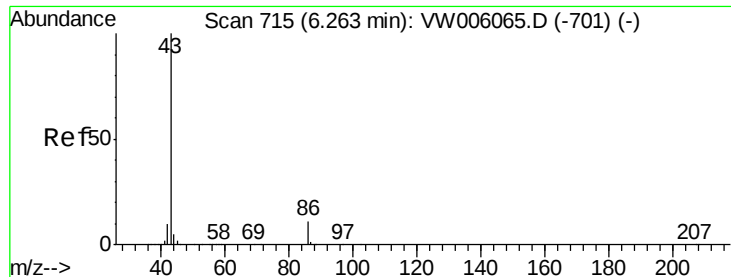
Delta R.T. -0.01 min

Lab File: VW006469.D

Acq: 29 Oct 2018 23:43

Tgt Ion:	45	Resp:	101954
Ion	Ratio	Lower	Upper
45	100		
43	58.3	45.7	68.5
87	32.5	25.9	38.9
59	12.1	9.6	14.4





#23

Vinyl Acetate

Concen: 102.288 ug/l

RT: 6.26 min Scan# 715

Delta R.T. 0.00 min

Lab File: VW006469.D

Acq: 29 Oct 2018 23:43

Instrument :

MSVOA_W

ClientSampleId :

VW1031SBS01

Tot Ion: 43 Resp: 280721

Ion Ratio Lower Upper

43 100

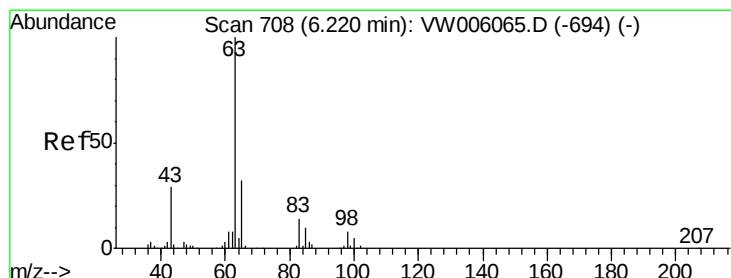
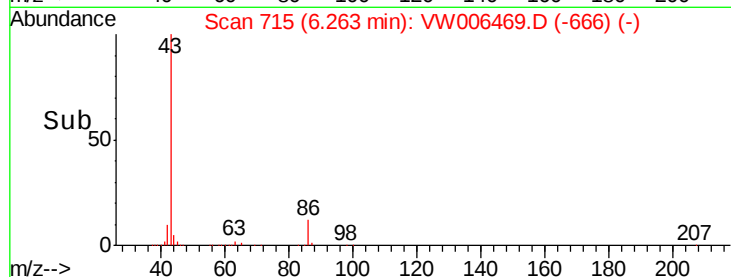
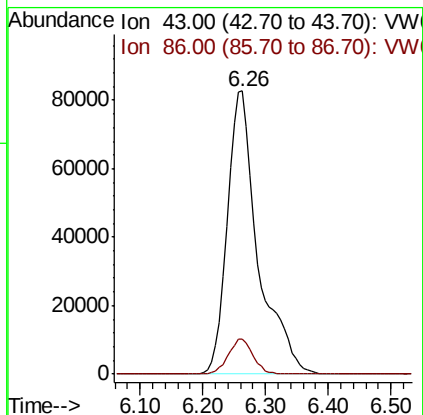
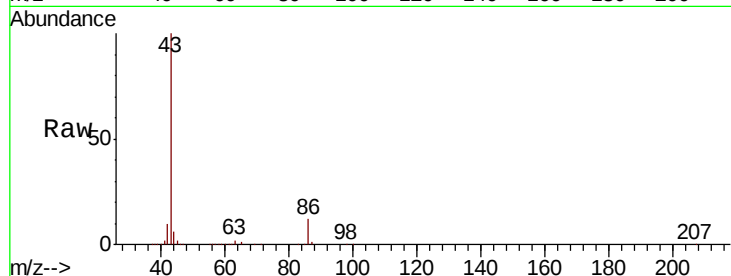
86 12.2 9.0 13.6

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#24

1,1-Dichloroethane

Concen: 23.224 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW006469.D

Acq: 29 Oct 2018 23:43

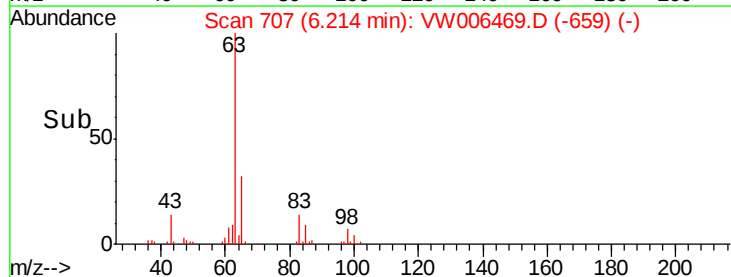
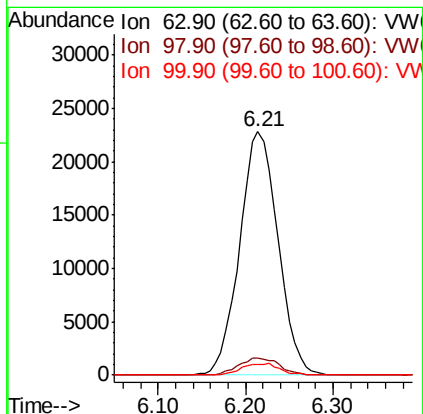
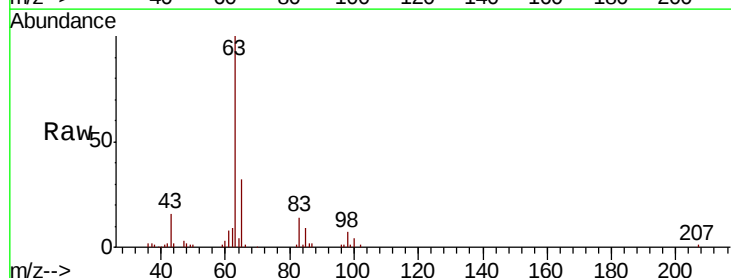
Tgt Ion: 63 Resp: 69687

Ion Ratio Lower Upper

63 100

98 6.9 3.8 11.2

100 4.2 2.5 7.5





#25

2-Butanone

Concen: 116.670 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.00 min

Lab File: VW006469.D

Acq: 29 Oct 2018 23:43

Instrument :

MSVOA_W

ClientSampleId :

VW1031SBS01

Tot Ion: 43 Resp: 51471

Ion Ratio Lower Upper

43 100

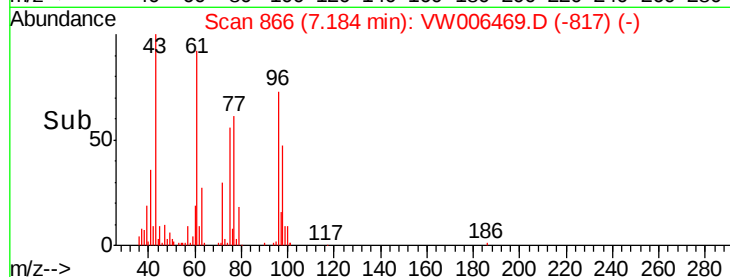
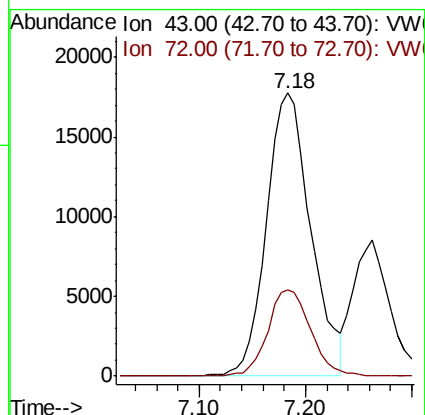
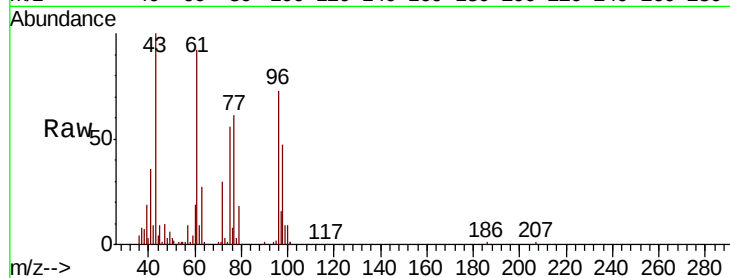
72 30.3 22.8 34.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 21.117 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW006469.D

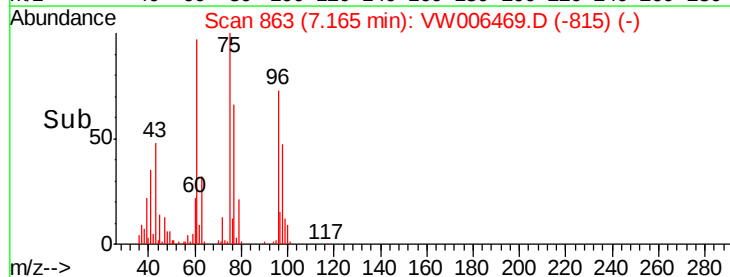
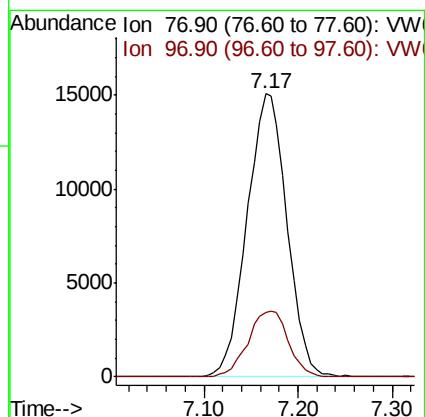
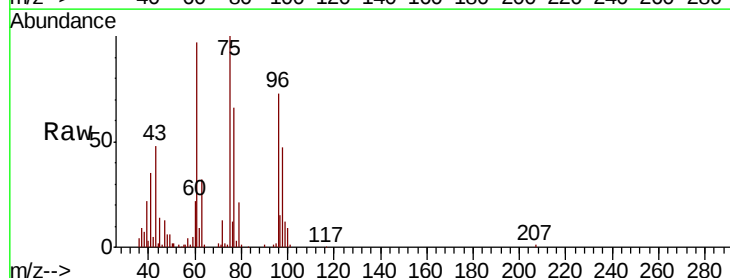
Acq: 29 Oct 2018 23:43

Tgt Ion: 77 Resp: 44691

Ion Ratio Lower Upper

77 100

97 23.6 12.2 36.4





#27

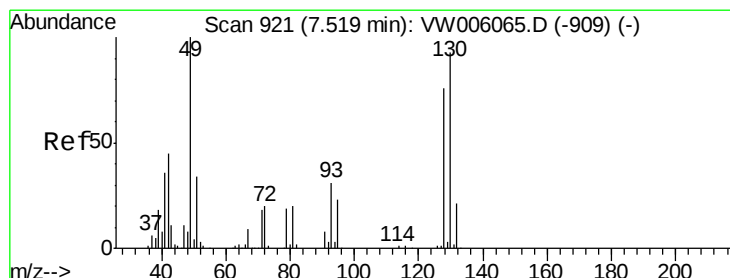
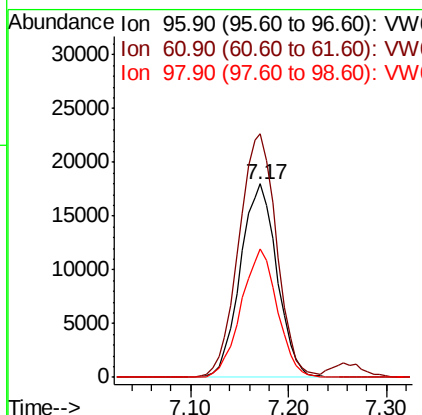
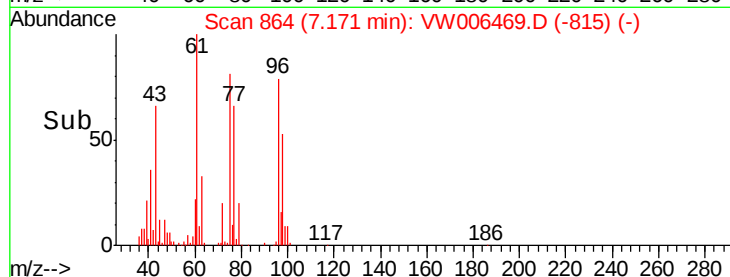
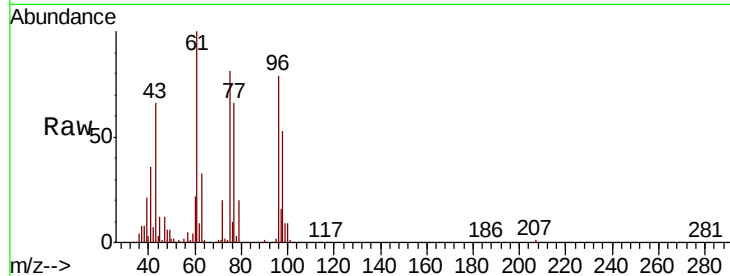
cis-1,2-Dichloroethene
 Concen: 23.047 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VW006469.D
 Acq: 29 Oct 2018 23:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1031SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	130.1	0.0	267.2
98	65.5	0.0	128.6

Manual Integrations
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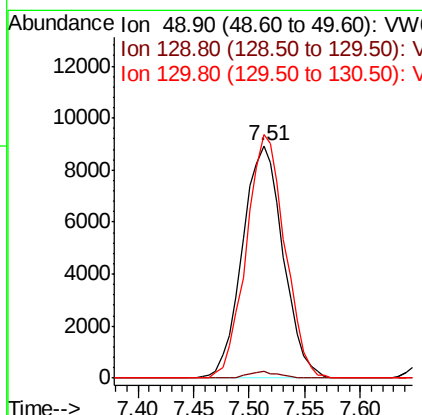
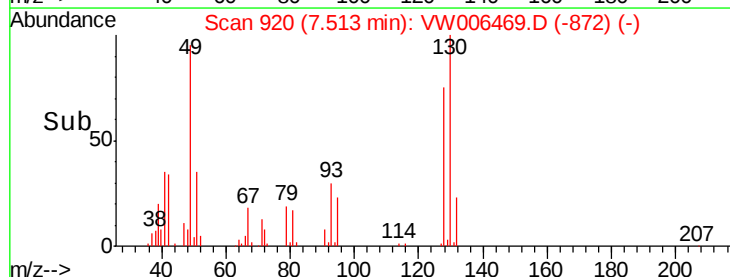
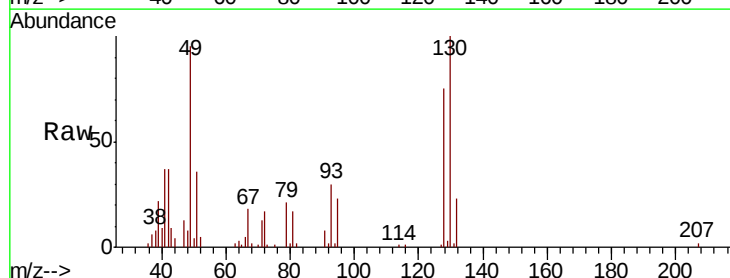
apatel
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#28

Bromochloromethane
 Concen: 19.593 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: VW006469.D
 Acq: 29 Oct 2018 23:43

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	5.0
130	99.7	73.8	110.8





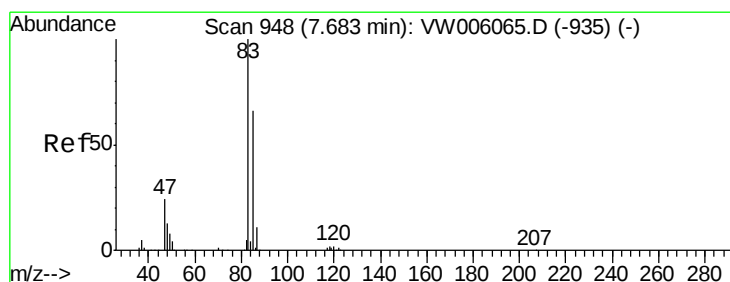
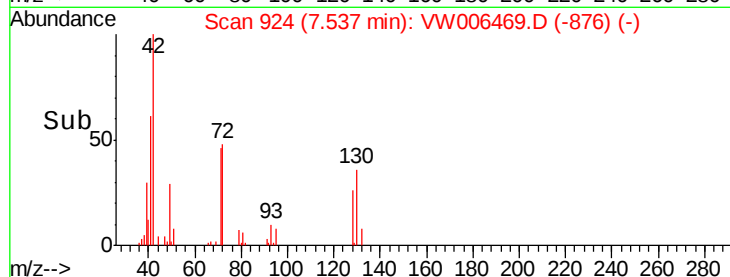
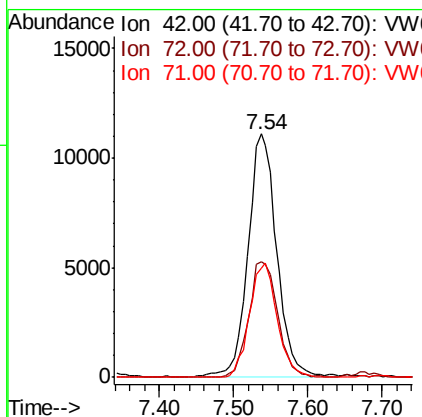
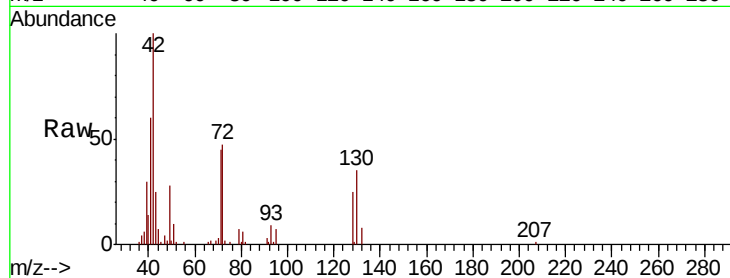
#29
Tetrahydrofuran
Concen: 111.371 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.01 min
Lab File: VW006469.D
Acq: 29 Oct 2018 23:43

Instrument :
MSVOA_W
ClientSampleId :
VW1031SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.5	38.0	57.0
71	45.1	35.3	52.9

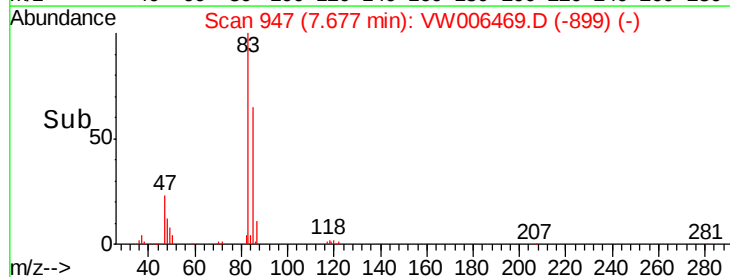
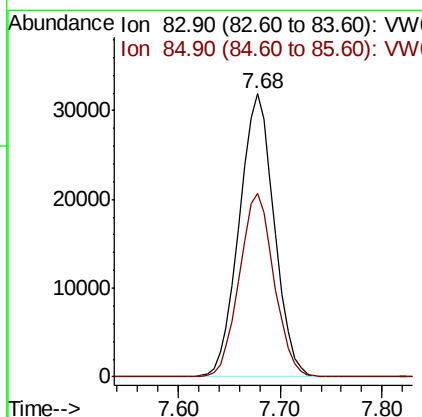
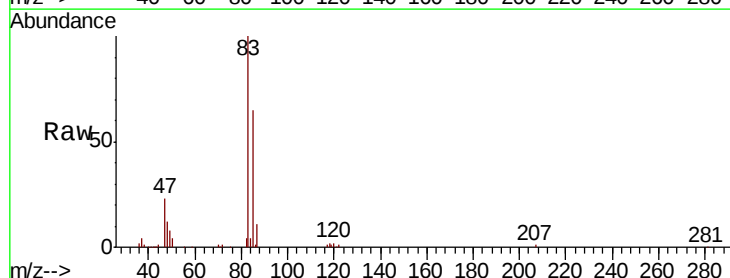
Manual Integrations
APPROVED

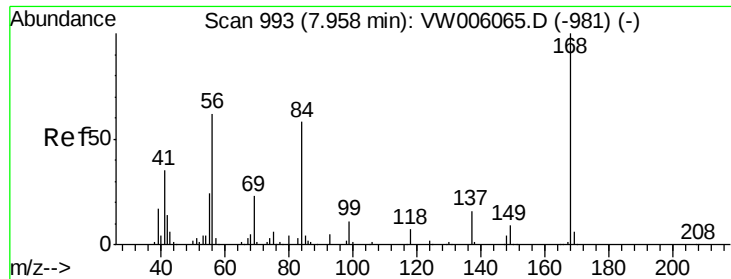
apatel
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#30
Chloroform
Concen: 23.217 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.01 min
Lab File: VW006469.D
Acq: 29 Oct 2018 23:43

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.8	52.6	79.0





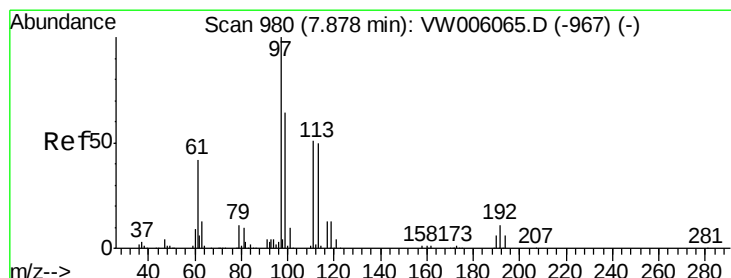
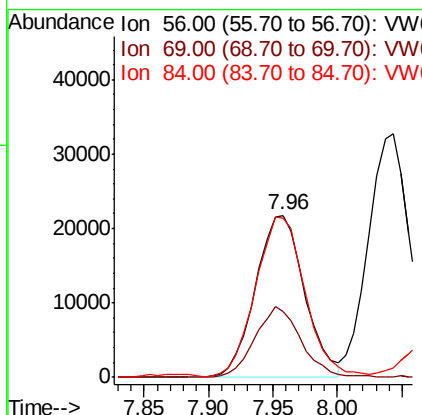
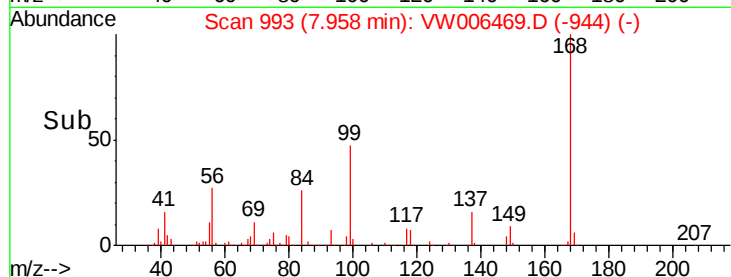
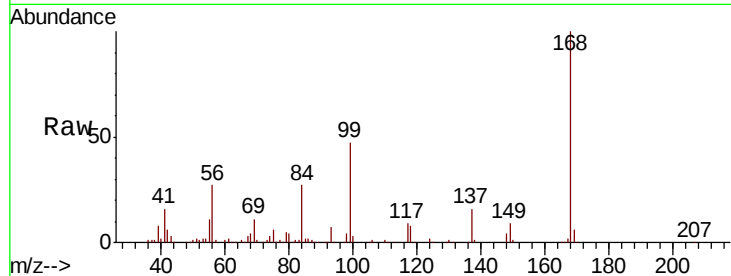
#31
Cyclohexane
Concen: 19.237 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW006469.D
Acq: 29 Oct 2018 23:43

Instrument :
MSVOA_W
ClientSampleId :
VW1031SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	40.8	29.4	44.0
84	96.8	74.0	111.0

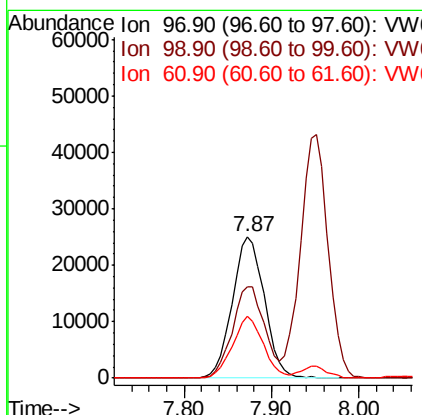
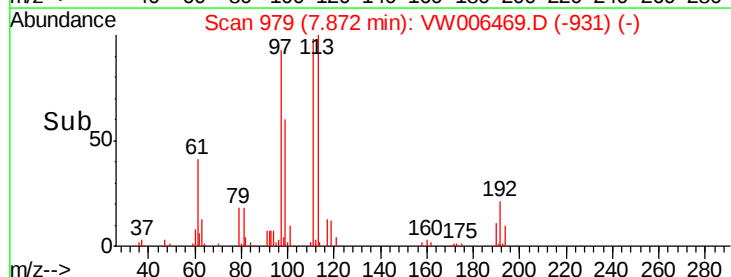
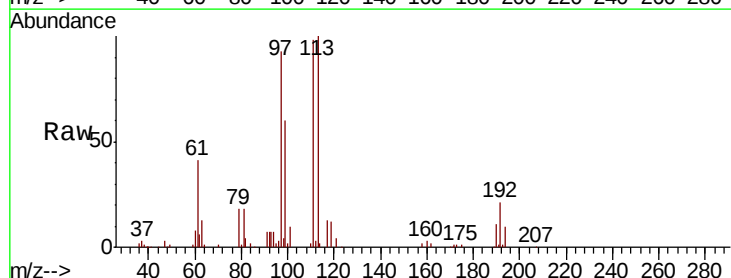
Manual Integrations
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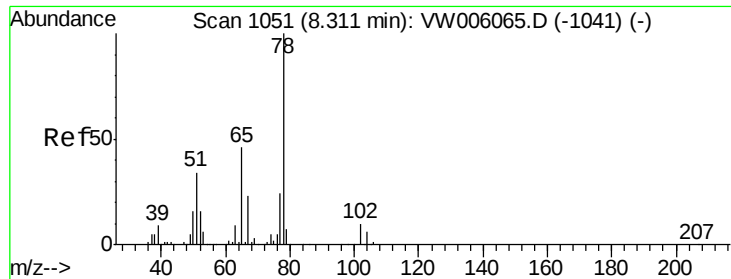
apatel
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#32
1,1,1-Trichloroethane
Concen: 21.619 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.01 min
Lab File: VW006469.D
Acq: 29 Oct 2018 23:43

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.9	50.9	76.3
61	41.9	33.7	50.5





#33

1,2-Dichloroethane-d4

Concen: 51.850 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW006469.D

Acq: 29 Oct 2018 23:43

Instrument :

MSVOA_W

ClientSampleId :

VW1031SBS01

Tot Ion: 65 Resp: 84673

Ion Ratio Lower Upper

65 100

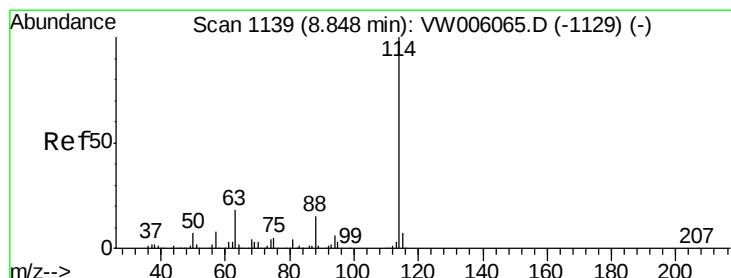
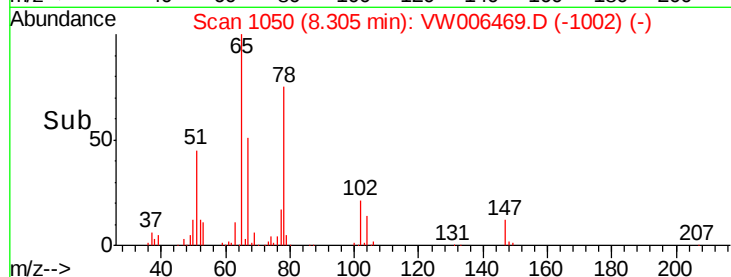
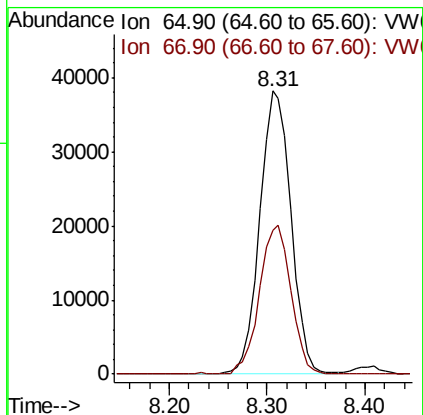
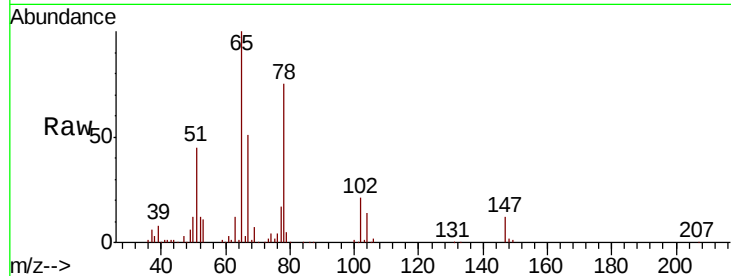
67 53.1 0.0 101.0

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.00 min

Lab File: VW006469.D

Acq: 29 Oct 2018 23:43

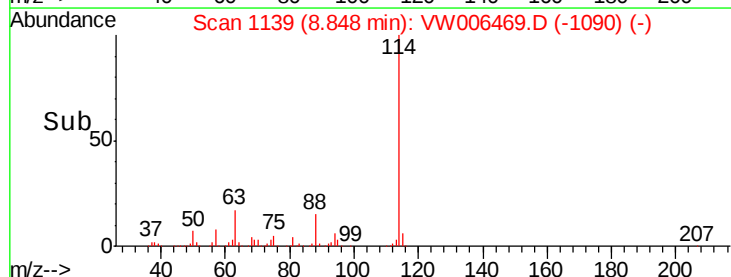
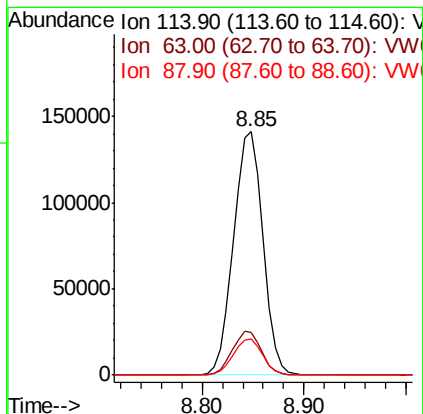
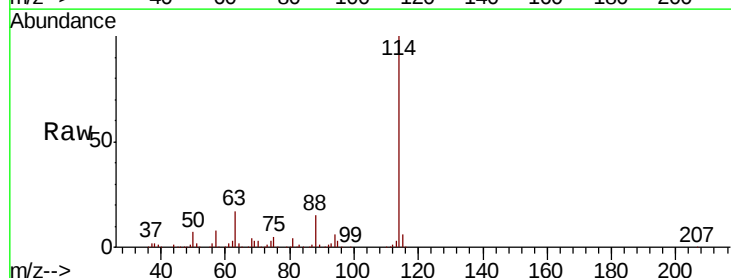
Tgt Ion: 114 Resp: 280622

Ion Ratio Lower Upper

114 100

63 17.3 0.0 36.8

88 14.9 0.0 29.0





#35

Dibromofluoromethane

Concen: 54.499 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006469.D

Acq: 29 Oct 2018 23:43

Instrument :

MSVOA_W

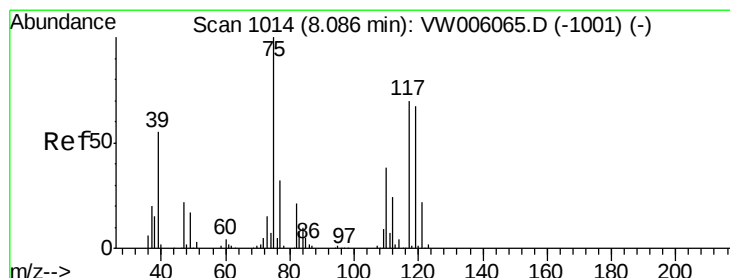
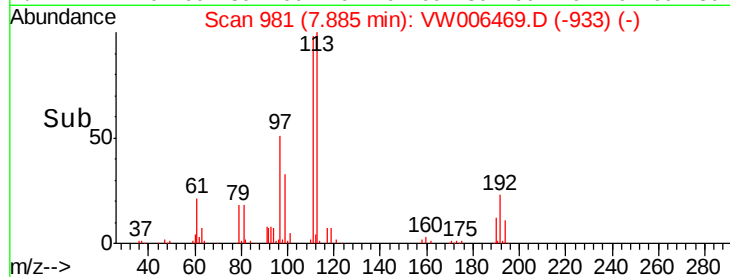
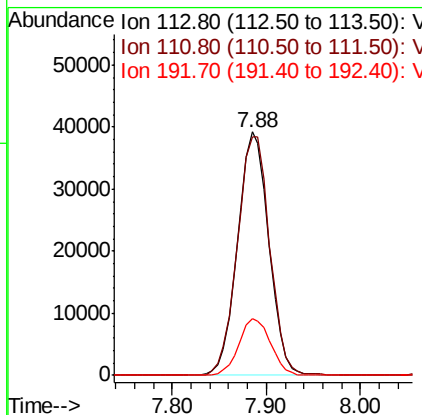
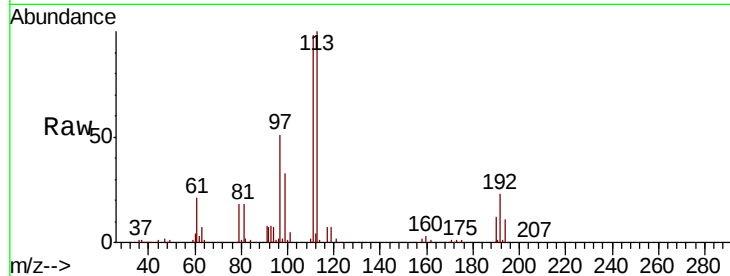
ClientSampleId :

VW1031SBS01

Tot Ion:	113	Resp:	90369
Ion Ratio	Lower	Upper	
113	100		
111	101.8	81.4	122.0
192	23.4	18.7	28.1

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 22.145 ug/l

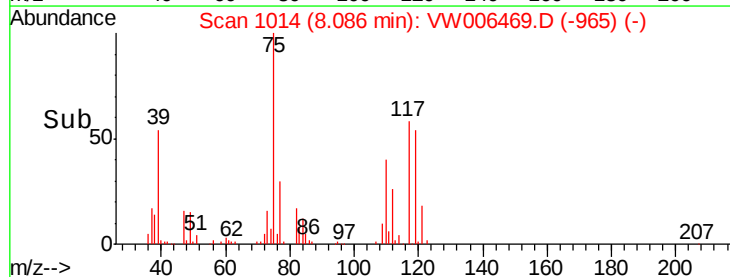
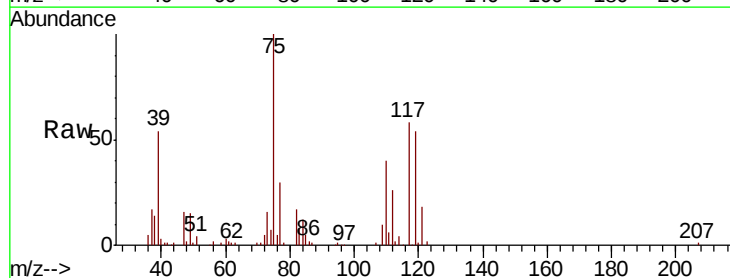
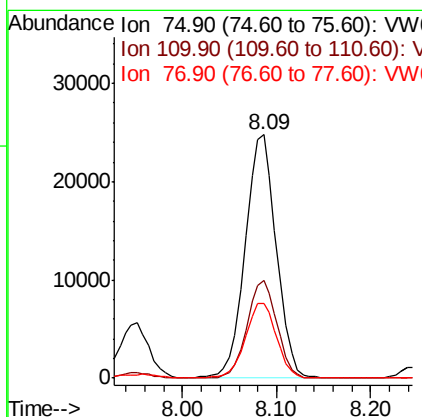
RT: 8.09 min Scan# 1014

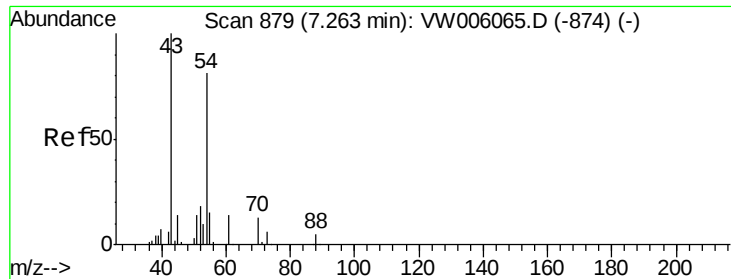
Delta R.T. 0.00 min

Lab File: VW006469.D

Acq: 29 Oct 2018 23:43

Tgt Ion:	75	Resp:	57278
Ion Ratio	Lower	Upper	
75	100		
110	38.4	19.1	57.1
77	30.8	25.0	37.4





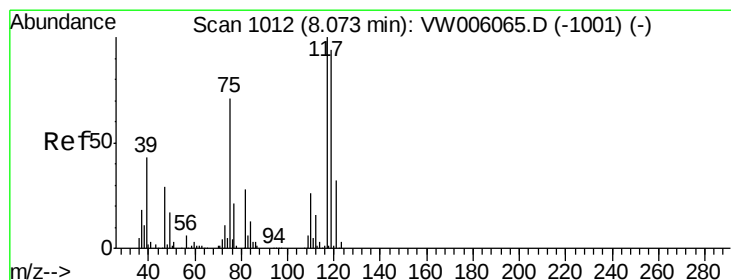
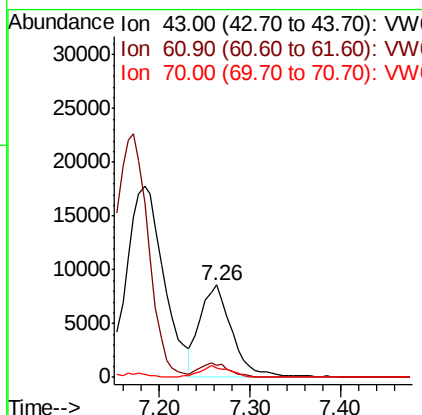
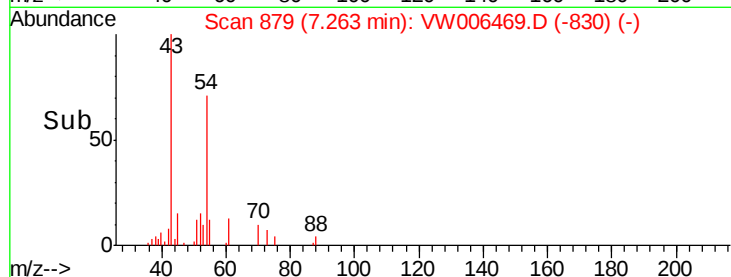
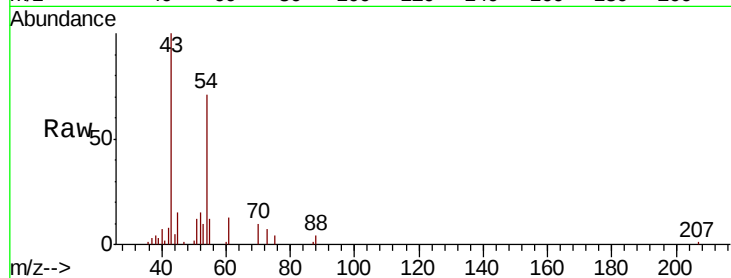
#37
Ethyl Acetate
Concen: 22.301 ug/l
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: VW006469.D
Acq: 29 Oct 2018 23:43

Instrument :
MSVOA_W
ClientSampleId :
VW1031SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.4	11.5	17.3
70	11.5	9.2	13.8

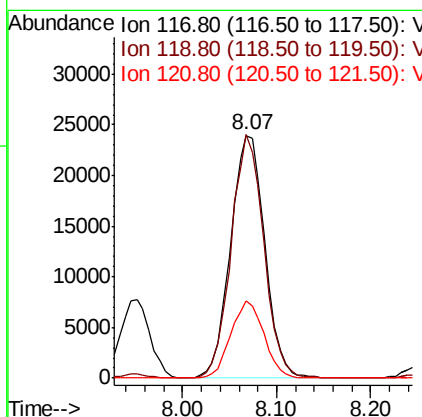
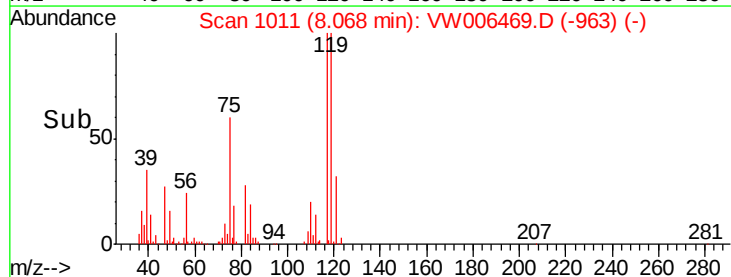
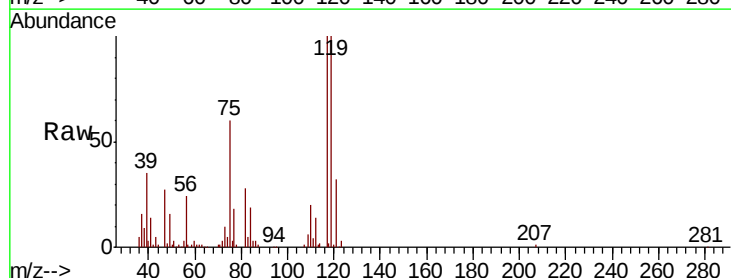
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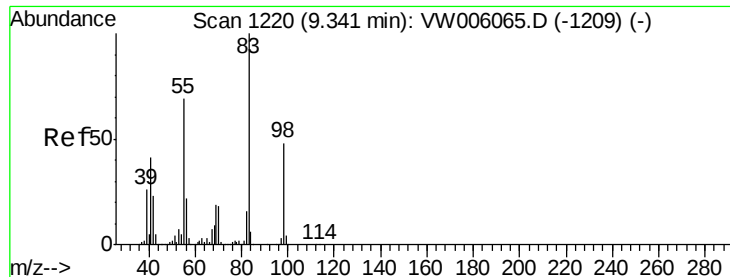
apatel
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#38
Carbon Tetrachloride
Concen: 21.361 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW006469.D
Acq: 29 Oct 2018 23:43

Tgt Ion	Ratio	Lower	Upper
117	100		
119	100.3	75.2	112.8
121	31.9	25.3	37.9





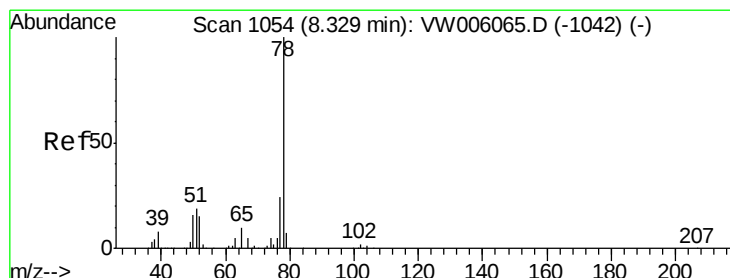
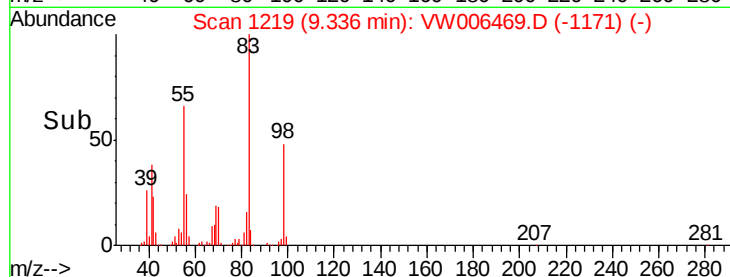
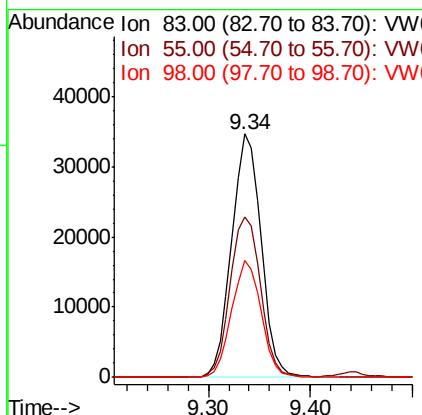
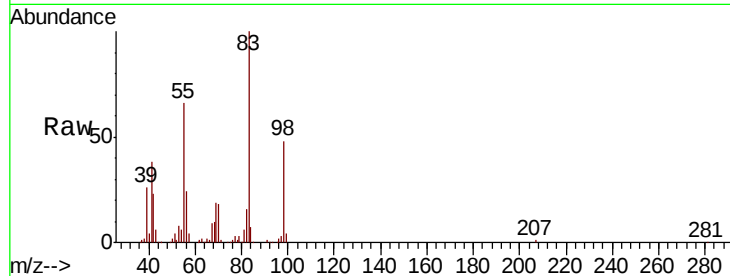
#39
Methvlcvclohexane
Concen: 20.191 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006469.D
Acq: 29 Oct 2018 23:43

Instrument :
MSVOA_W
ClientSampleId :
VW1031SBS01

Tot Ion	83	Resp	69422
Ion Ratio	Lower	Upper	
83	100		
55	66.1	55.0	82.6
98	48.0	38.6	57.8

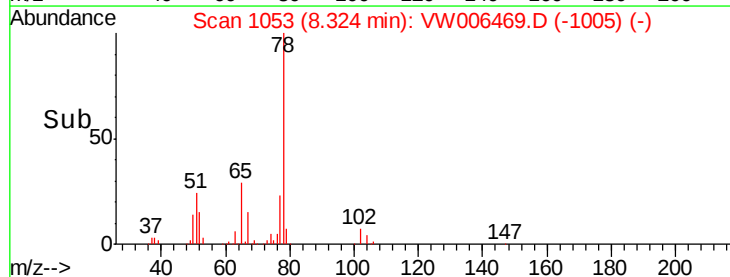
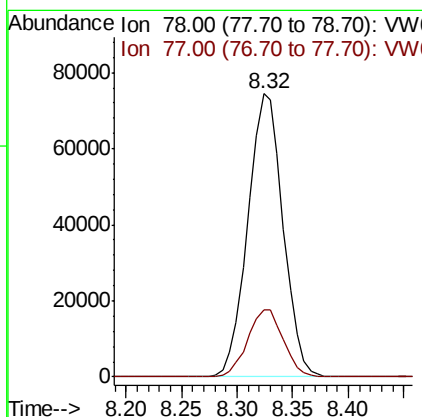
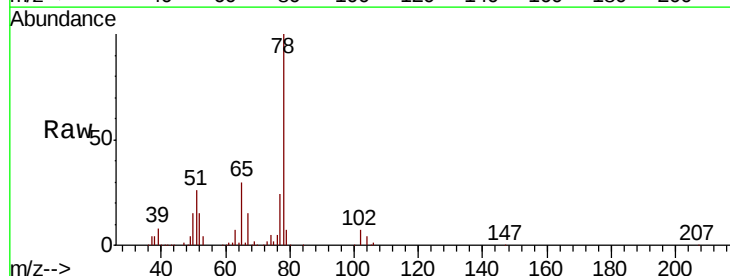
Manual Integrations
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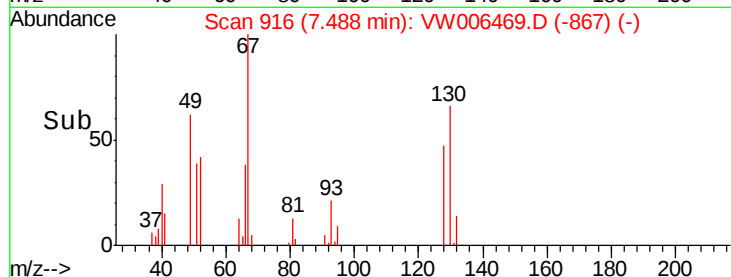
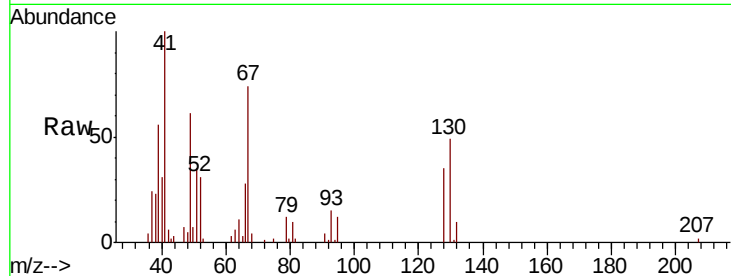
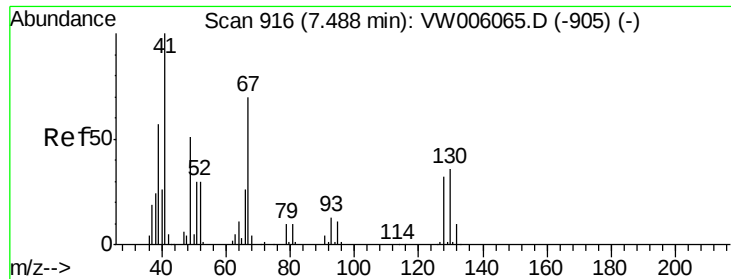
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#40
Benzene
Concen: 23.139 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW006469.D
Acq: 29 Oct 2018 23:43

Tgt Ion	78	Resp	164173
Ion Ratio	Lower	Upper	
78	100		
77	23.6	19.4	29.0





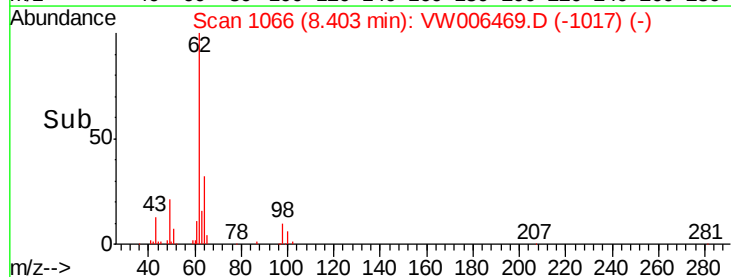
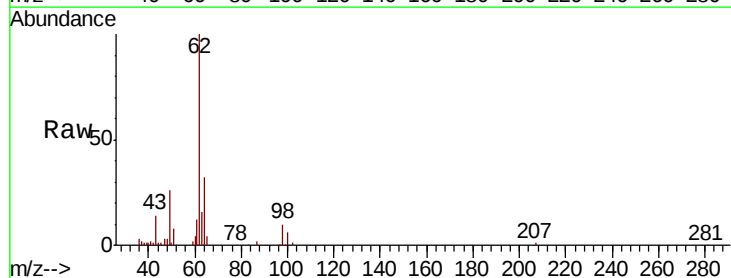
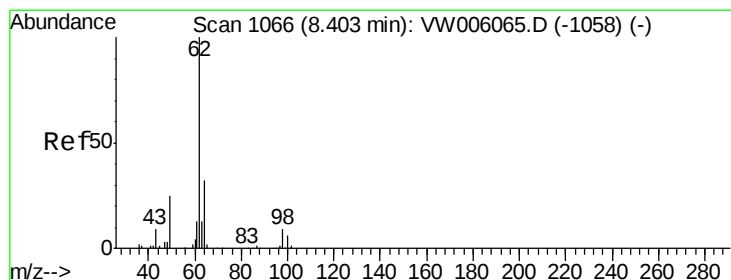
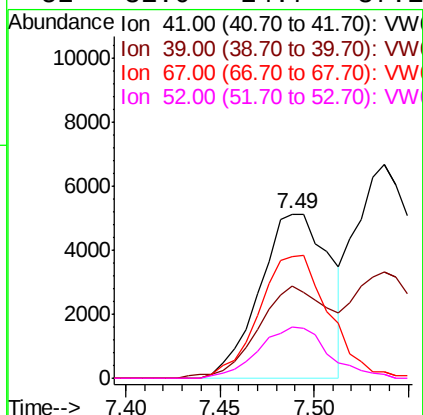
#41
Methacrylonitrile
Concen: 22.825 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW006469.D
Acq: 29 Oct 2018 23:43

Tot Ion	Ratio	Lower	Upper
41	100		
39	56.8	46.2	69.4
67	75.0	57.7	86.5
52	31.0	24.7	37.1

Instrument :
MSVOA_W
ClientSampleId :
VW1031SBS01

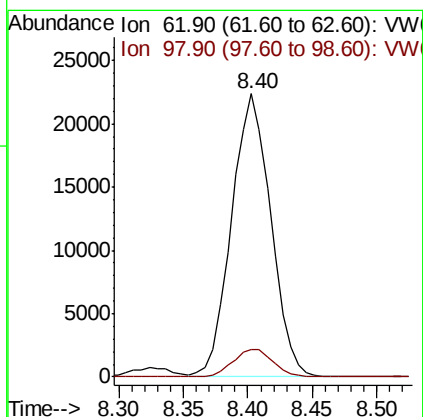
Manual Integrations
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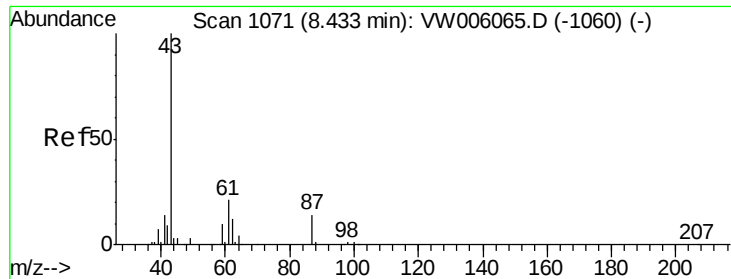
apatel
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#42
1,2-Dichloroethane
Concen: 22.692 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW006469.D
Acq: 29 Oct 2018 23:43

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	18.4





#43

Isopropyl Acetate

Concen: 21.635 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.01 min

Lab File: VW006469.D

Acq: 29 Oct 2018 23:43

Instrument :

MSVOA_W

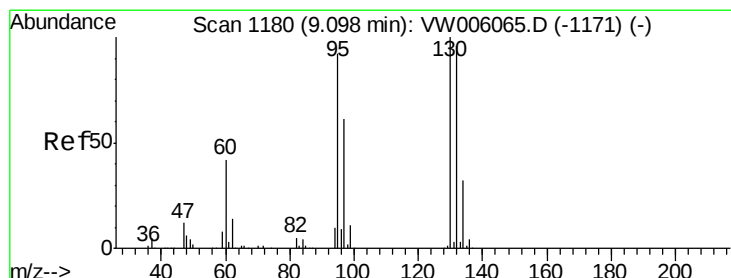
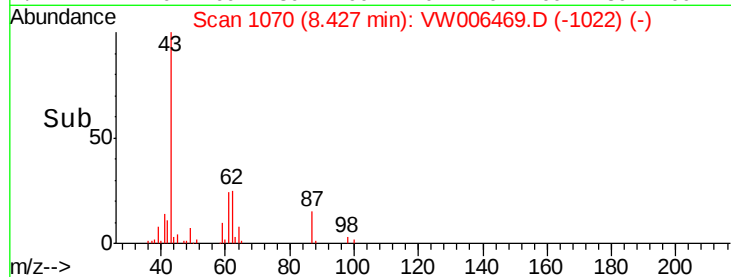
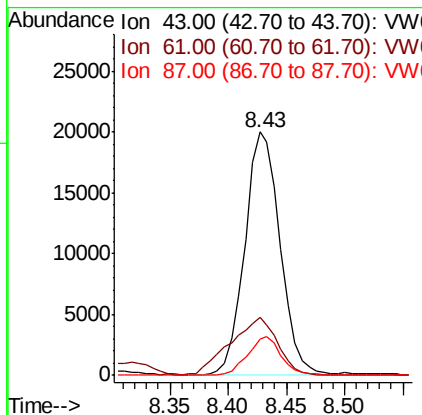
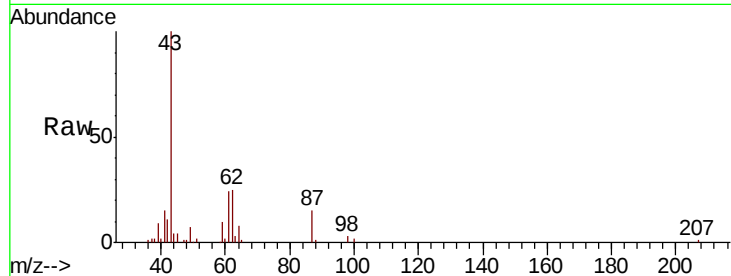
ClientSampleId :

VW1031SBS01

Tot Ion:	43	Resp:	42511
Ion	Ratio	Lower	Upper
43	100		
61	31.4	25.5	38.3
87	14.9	11.7	17.5

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#44

Trichloroethene

Concen: 23.166 ug/l

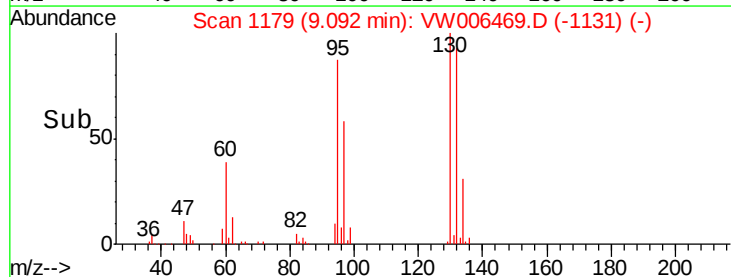
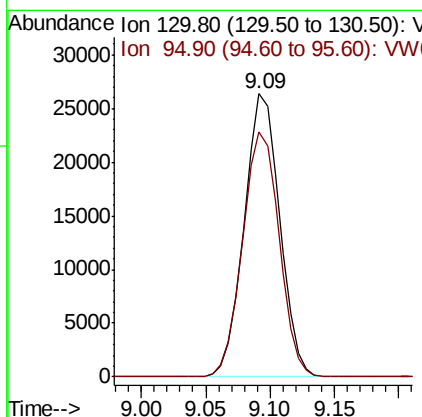
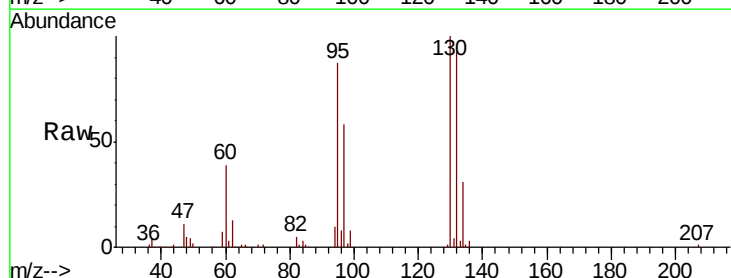
RT: 9.09 min Scan# 1179

Delta R.T. -0.01 min

Lab File: VW006469.D

Acq: 29 Oct 2018 23:43

Tgt Ion:	130	Resp:	50426
Ion	Ratio	Lower	Upper
130	100		
95	86.7	0.0	183.2





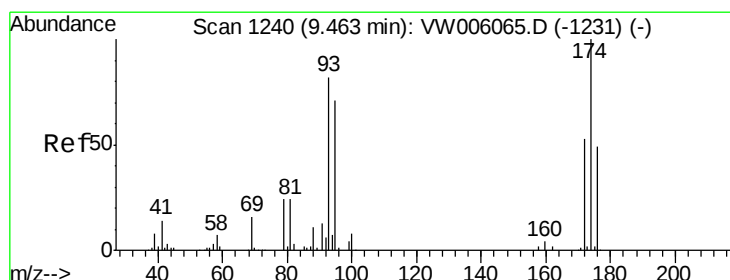
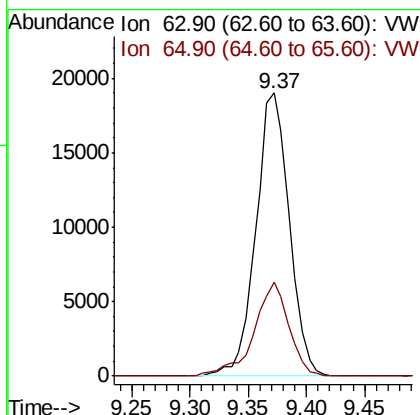
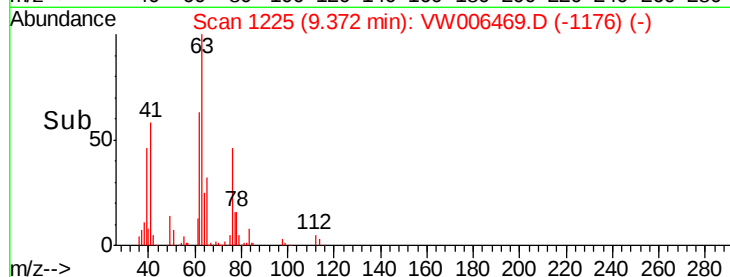
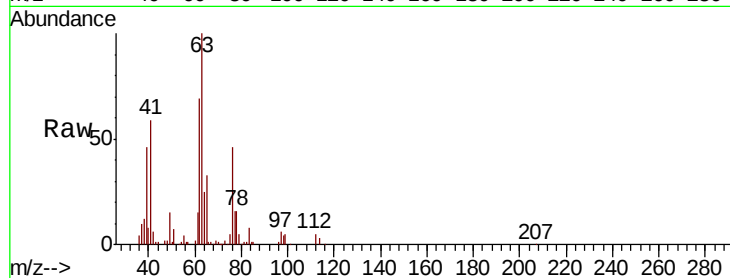
#45
 1,2-Dichloropropane
 Concen: 22.417 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW006469.D
 Acq: 29 Oct 2018 23:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1031SBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	33.4	25.4	38.0

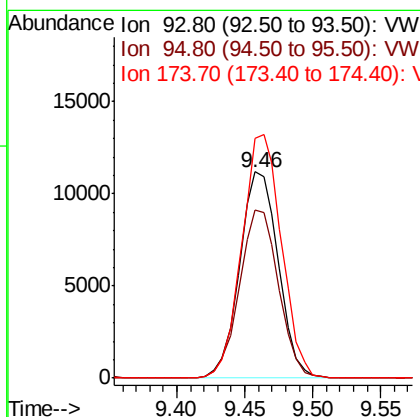
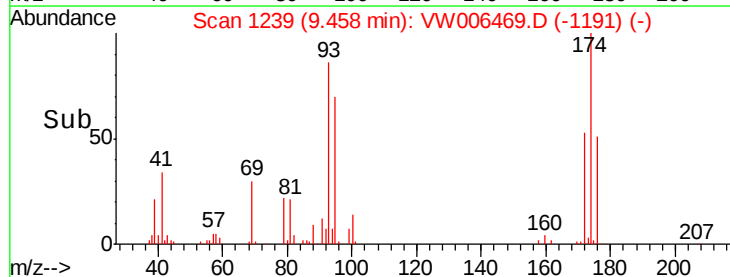
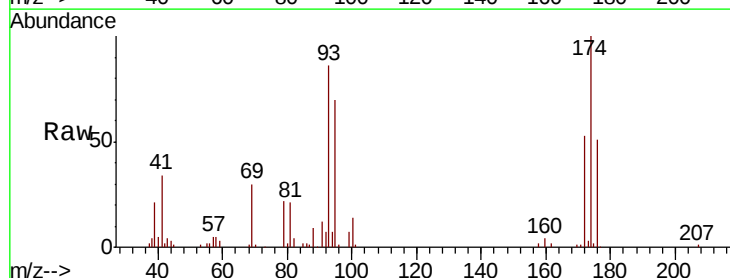
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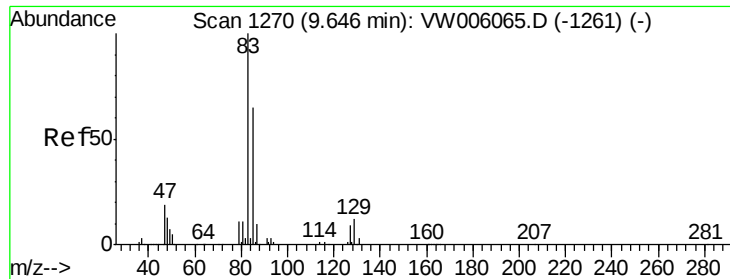
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#46
 Dibromomethane
 Concen: 23.035 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: VW006469.D
 Acq: 29 Oct 2018 23:43

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.3	67.7	101.5
174	120.6	93.7	140.5





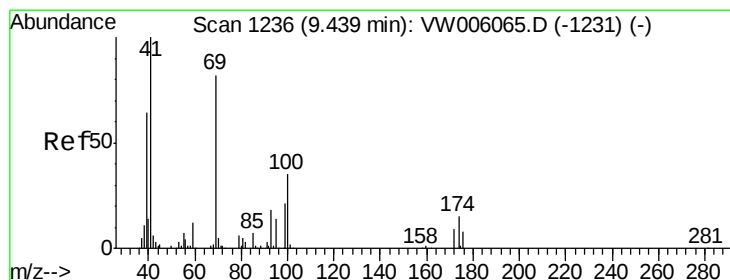
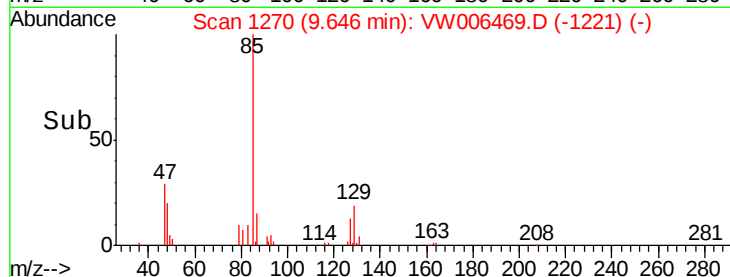
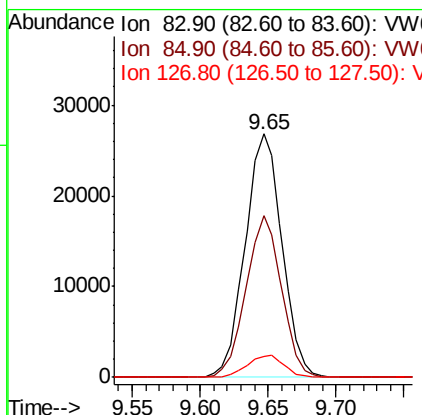
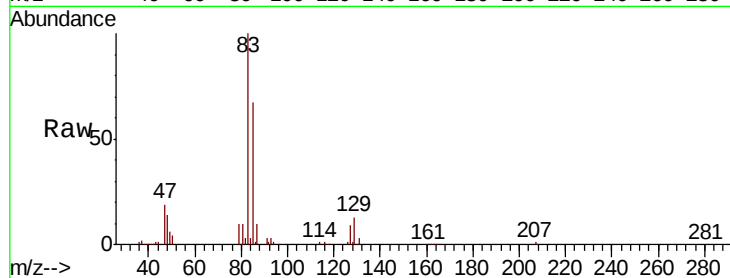
#47
Bromodichloromethane
Concen: 21.655 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VW006469.D
Acq: 29 Oct 2018 23:43

Instrument :
MSVOA_W
ClientSampleId :
VW1031SBS01

Tot Ion	83	Resp	50804
Ion Ratio	100	Lower	Upper
83	100		
85	66.5	51.8	77.8
127	8.7	6.9	10.3

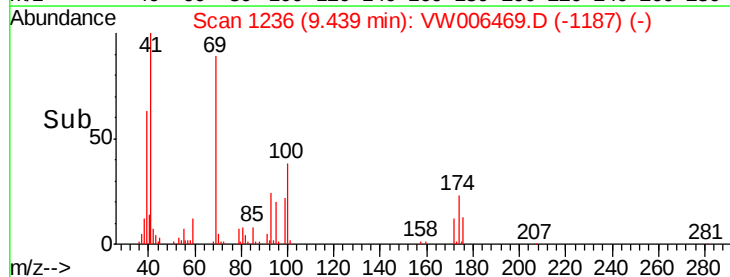
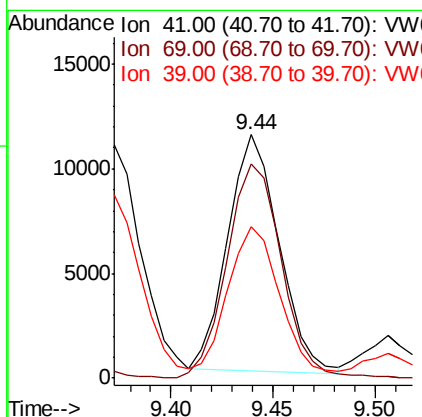
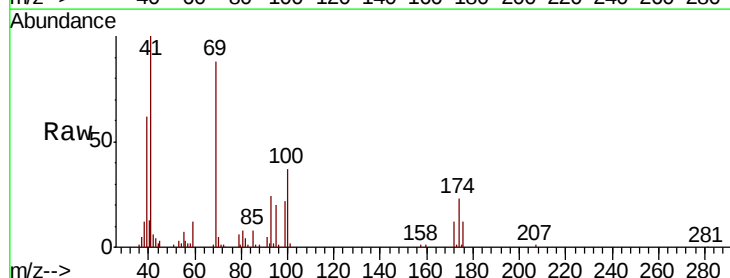
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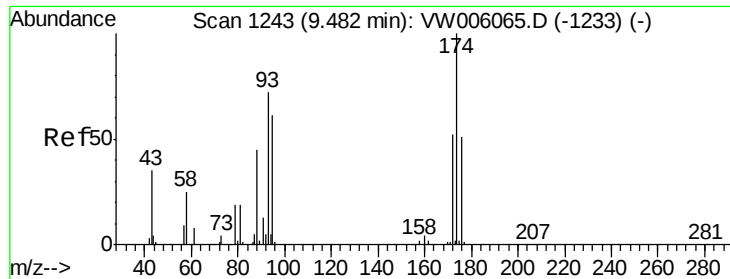
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#48
Methyl methacrylate
Concen: 21.139 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VW006469.D
Acq: 29 Oct 2018 23:43

Tgt Ion	41	Resp	19689
Ion Ratio	100	Lower	Upper
41	100		
69	96.9	71.8	107.8
39	65.9	52.5	78.7





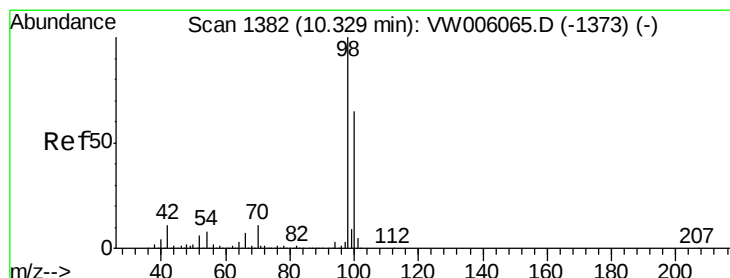
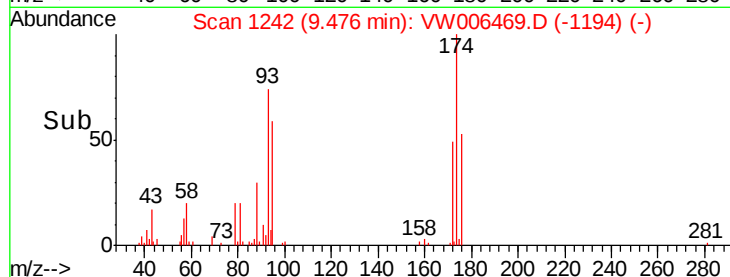
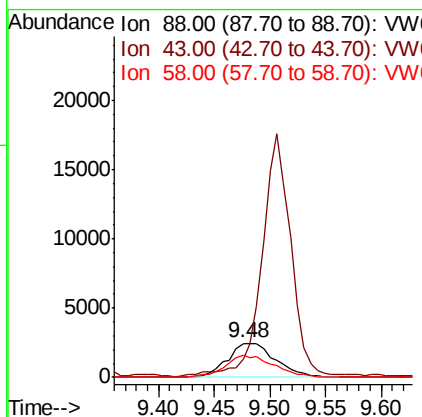
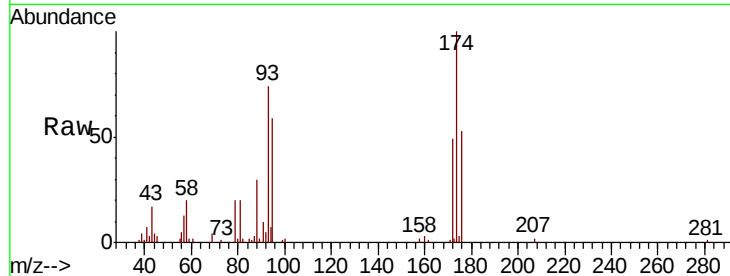
#49
1,4-Dioxane
Concen: 488.355 ug/l
RT: 9.48 min Scan# 1242
Delta R.T. -0.01 min
Lab File: VW006469.D
Acq: 29 Oct 2018 23:43

Instrument :
MSVOA_W
ClientSampleId :
VW1031SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	65.2	51.2	76.8

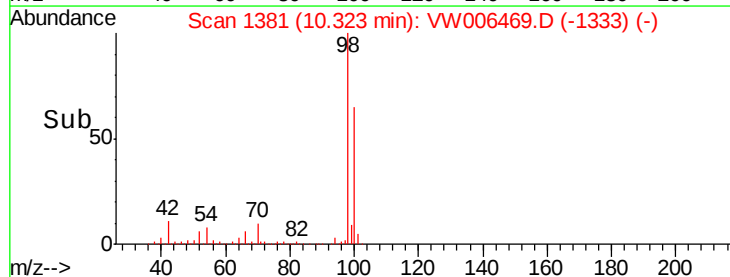
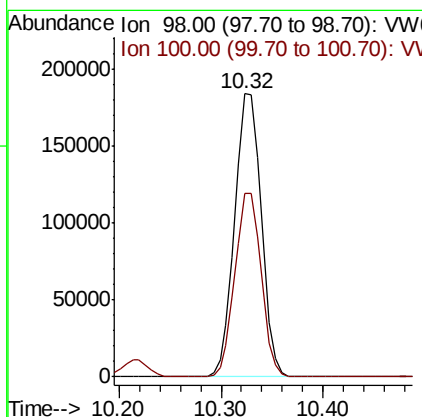
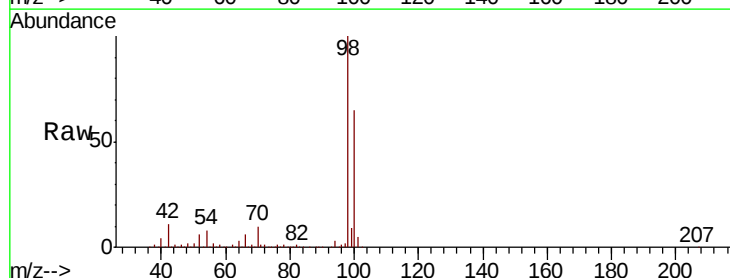
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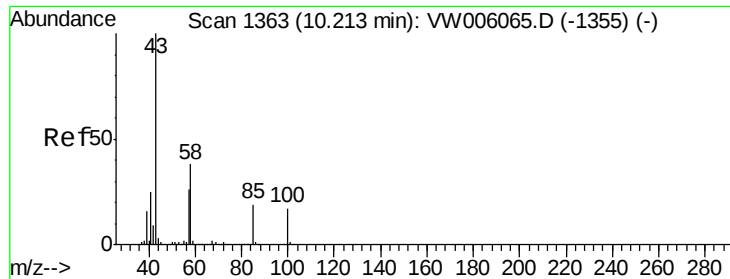
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#50
Toluene-d8
Concen: 52.582 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW006469.D
Acq: 29 Oct 2018 23:43

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 111.318 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW006469.D

Acq: 29 Oct 2018 23:43

Instrument :

MSVOA_W

ClientSampleId :

VW1031SBS01

Tot Ion: 43 Resp: 109592

Ion Ratio Lower Upper

43 100

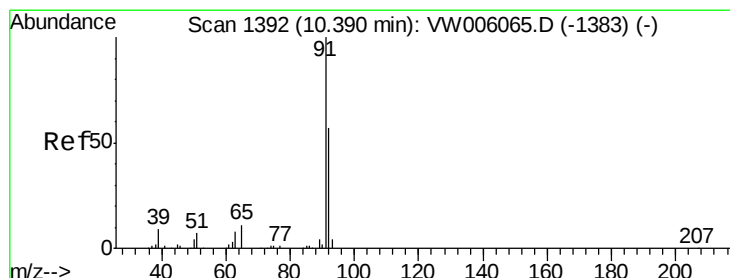
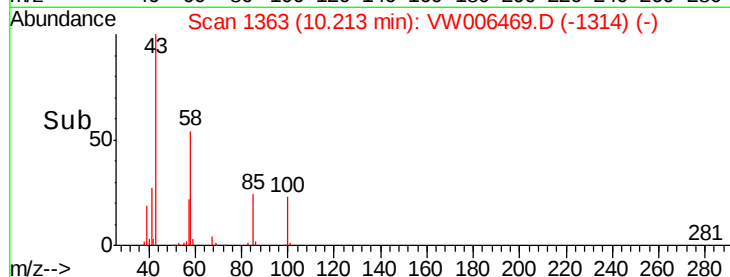
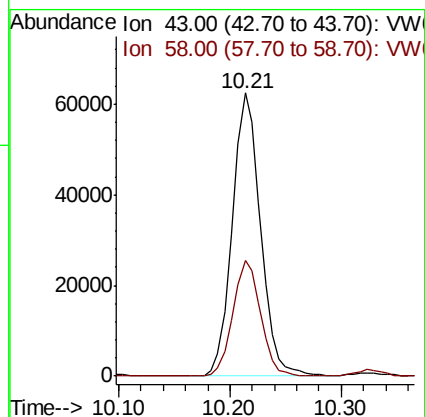
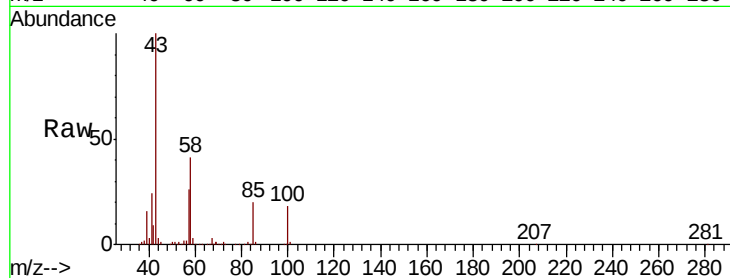
58 40.2 31.5 47.3

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#52

Toluene

Concen: 22.945 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006469.D

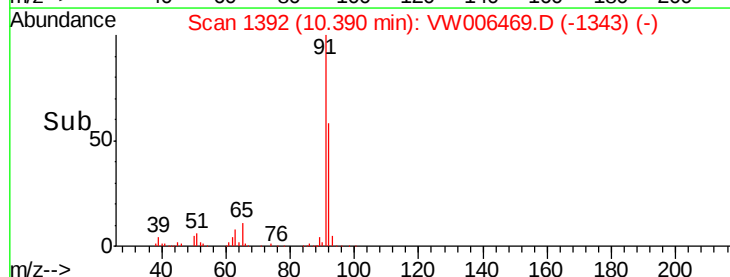
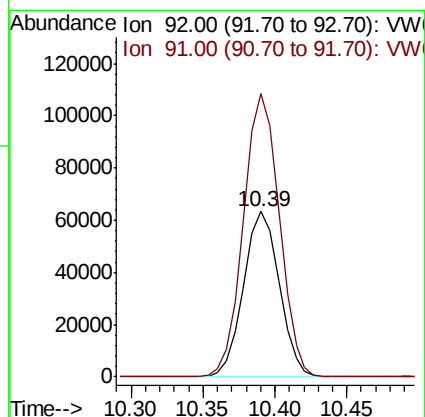
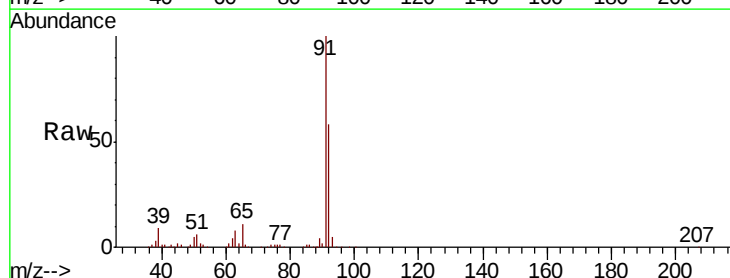
Acq: 29 Oct 2018 23:43

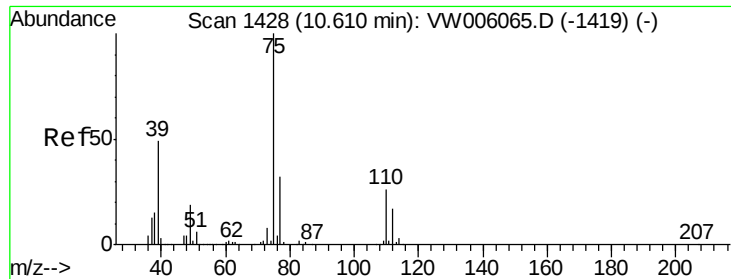
Tgt Ion: 92 Resp: 109145

Ion Ratio Lower Upper

92 100

91 172.2 140.0 210.0





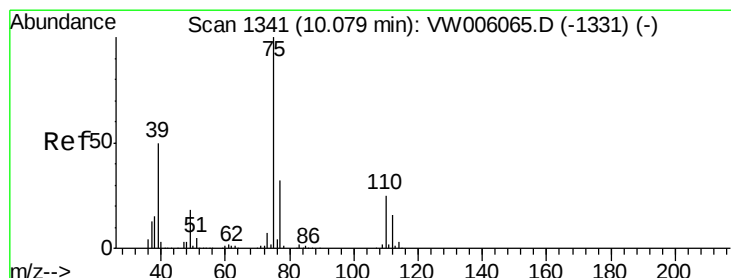
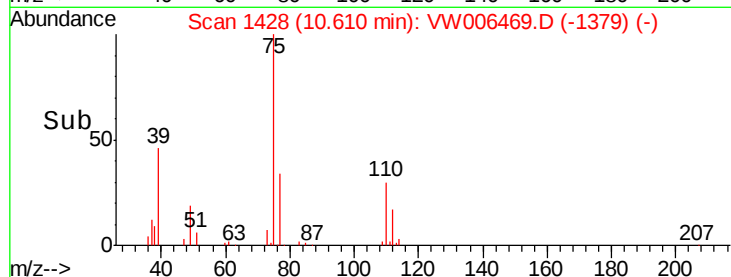
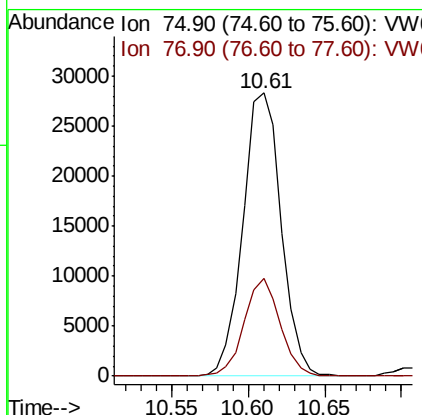
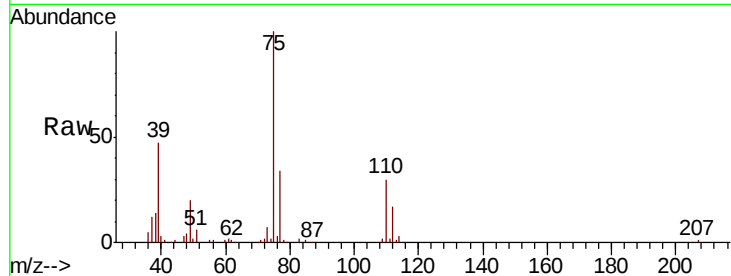
#53
t-1,3-Dichloropropene
Concen: 21.065 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. 0.00 min
Lab File: VW006469.D
Acq: 29 Oct 2018 23:43

Instrument :
MSVOA_W
ClientSampleId :
VW1031SBS01

Tot Ion: 75 Resp: 49238
Ion Ratio Lower Upper
75 100
77 34.2 25.4 38.2

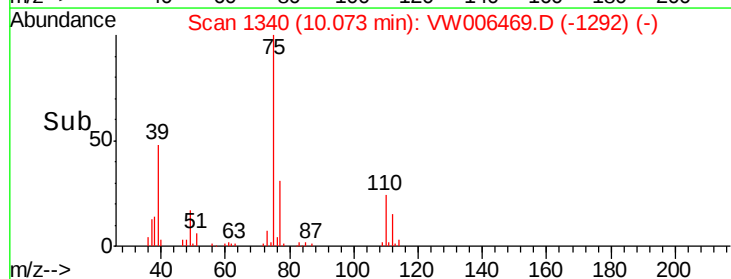
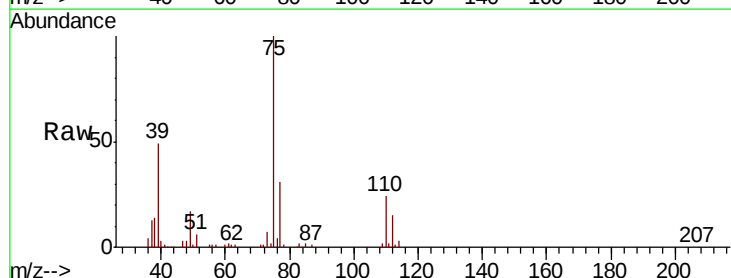
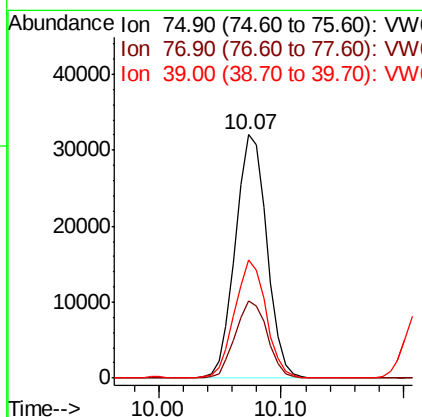
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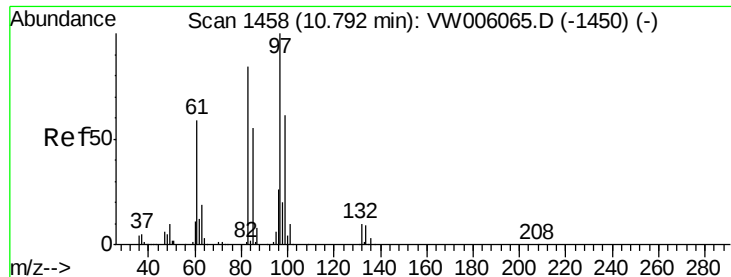
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#54
cis-1,3-Dichloropropene
Concen: 21.312 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. -0.01 min
Lab File: VW006469.D
Acq: 29 Oct 2018 23:43

Tgt Ion: 75 Resp: 57172
Ion Ratio Lower Upper
75 100
77 31.5 25.2 37.8
39 48.6 39.9 59.9





#55

1,1,2-Trichloroethane

Concen: 24.190 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.01 min

Lab File: VW006469.D

Acq: 29 Oct 2018 23:43

Instrument :

MSVOA_W

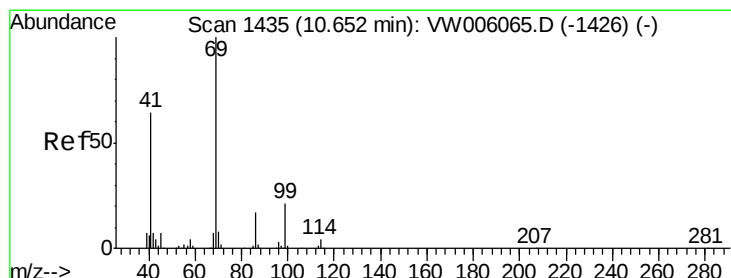
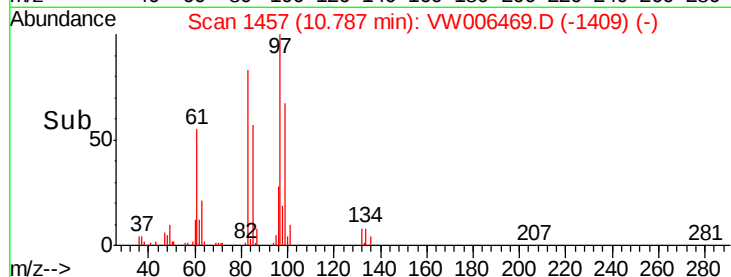
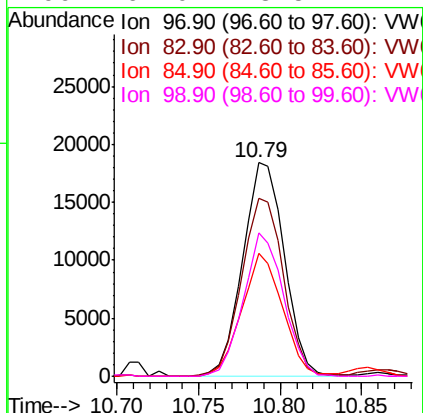
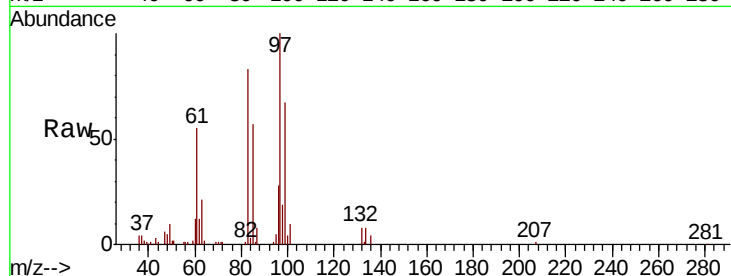
ClientSampleId :

VW1031SBS01

Tot Ion:	97	Resp:	32757
Ion	Ratio	Lower	Upper
97	100		
83	83.3	67.2	100.8
85	57.3	43.7	65.5
99	67.0	48.5	72.7

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#56

Ethyl methacrylate

Concen: 21.551 ug/l

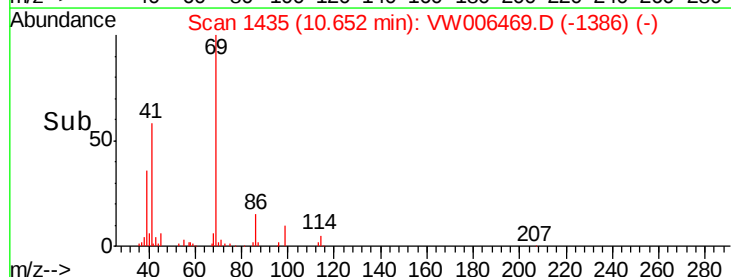
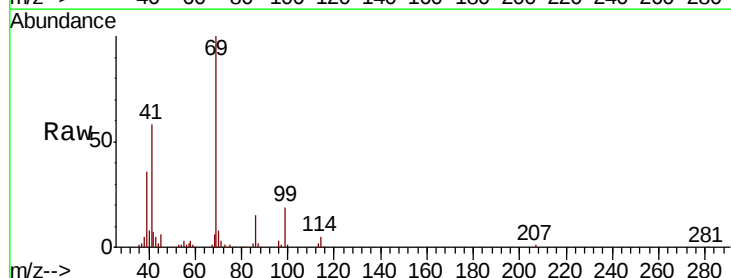
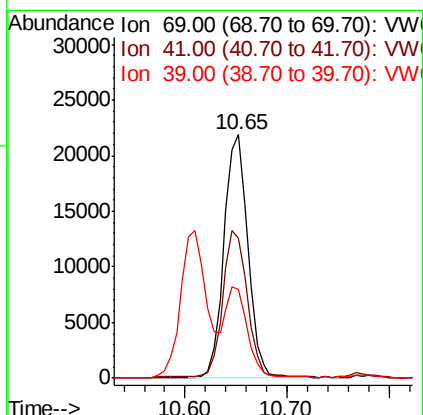
RT: 10.65 min Scan# 1435

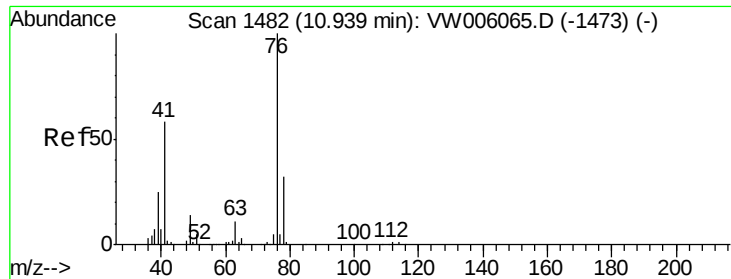
Delta R.T. 0.00 min

Lab File: VW006469.D

Acq: 29 Oct 2018 23:43

Tgt Ion:	69	Resp:	35776
Ion	Ratio	Lower	Upper
69	100		
41	61.7	52.8	79.2
39	33.1	30.6	45.8





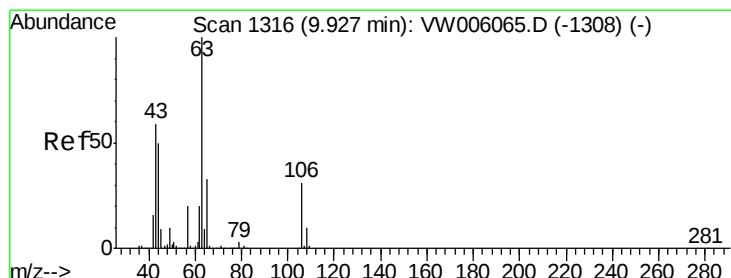
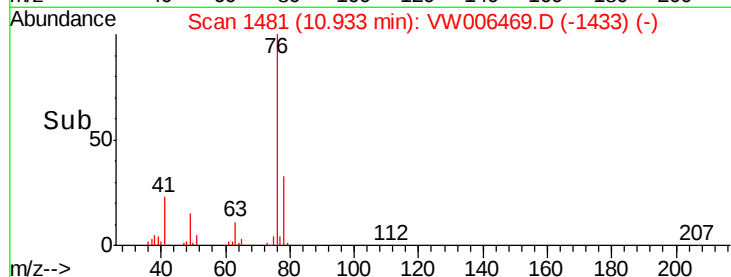
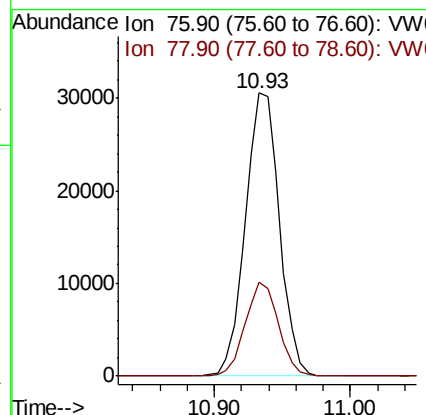
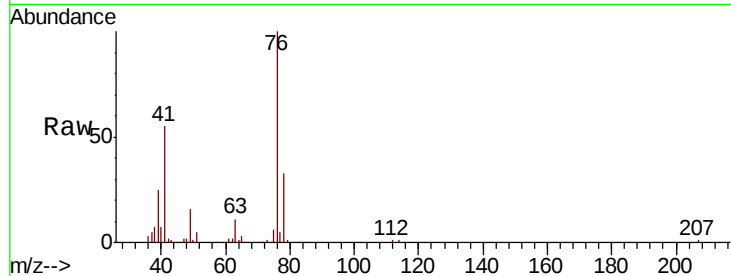
#57
 1,3-Dichloropropane
 Concen: 23.865 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.01 min
 Lab File: VW006469.D
 Acq: 29 Oct 2018 23:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1031SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.6	25.9	38.9

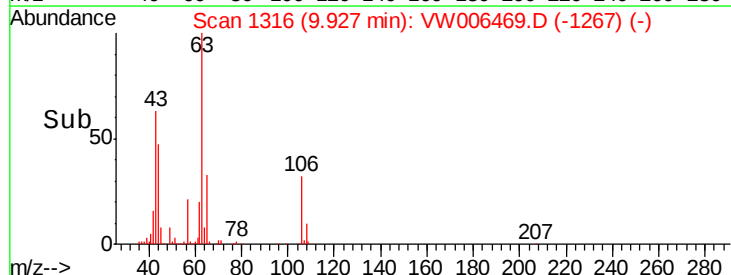
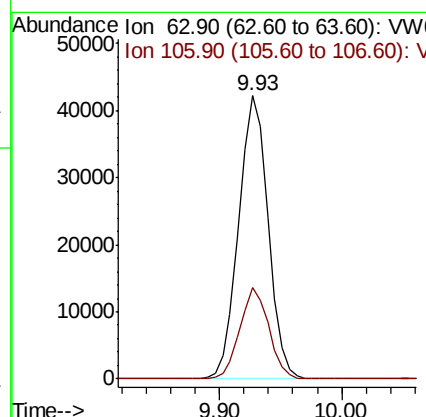
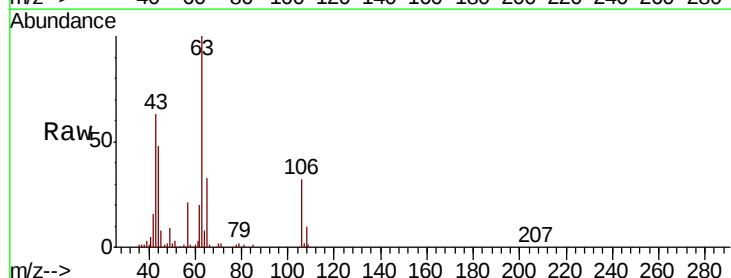
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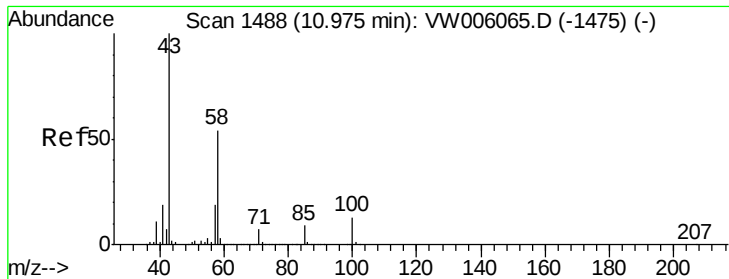
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#58
 2-Chloroethyl Vinyl ether
 Concen: 110.871 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW006469.D
 Acq: 29 Oct 2018 23:43

Tgt Ion	Ratio	Lower	Upper
63	100		
106	31.6	24.5	36.7





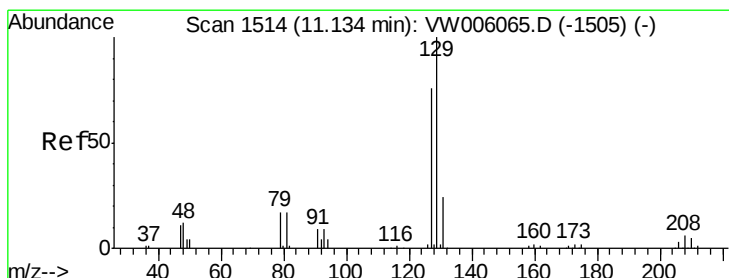
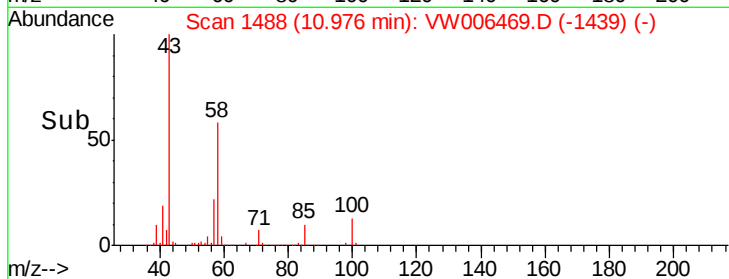
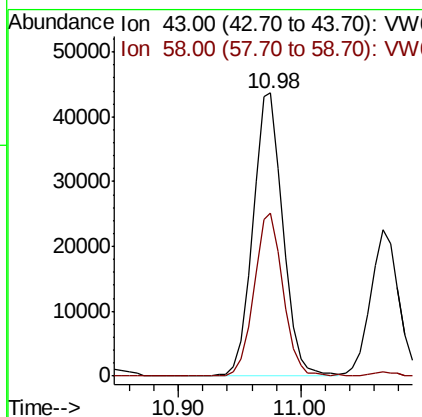
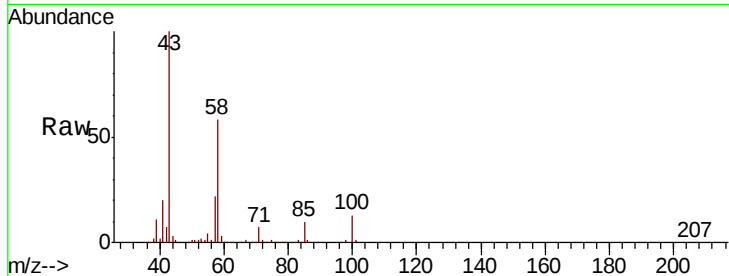
#59
2-Hexanone
Concen: 106.069 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VW006469.D
Acq: 29 Oct 2018 23:43

Instrument :
MSVOA_W
ClientSampleId :
VW1031SBS01

Tot Ion: 43 Resp: 74542
Ion Ratio Lower Upper
43 100
58 55.9 26.9 80.6

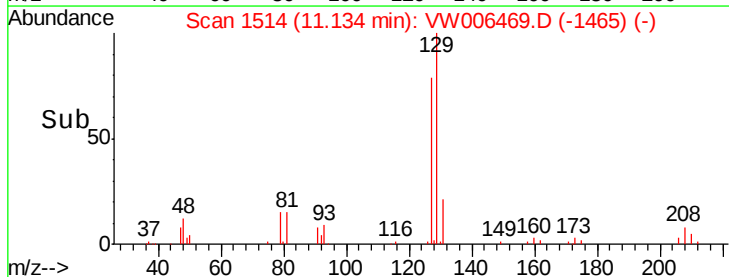
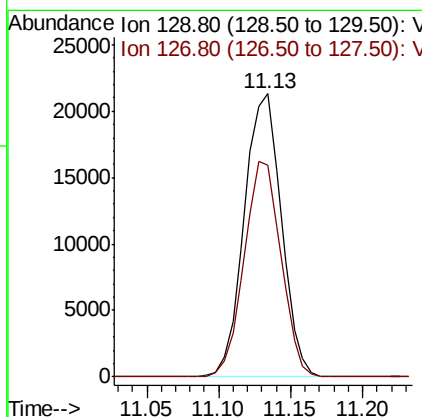
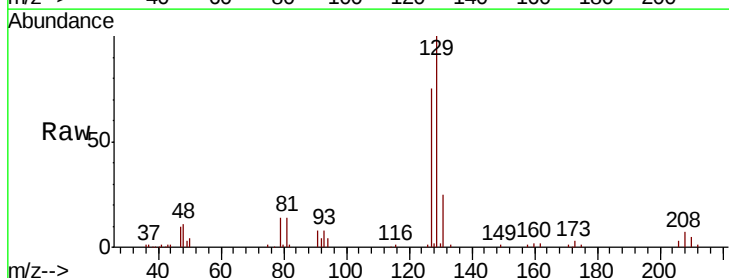
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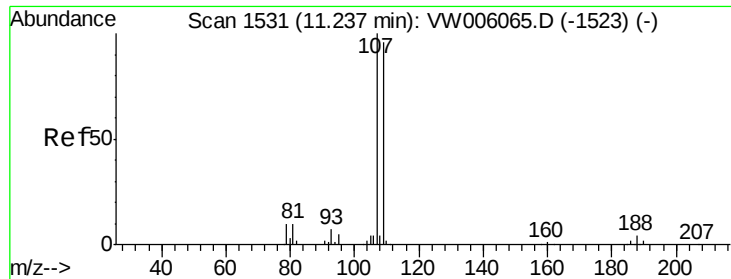
apatel
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#60
Dibromochloromethane
Concen: 22.560 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VW006469.D
Acq: 29 Oct 2018 23:43

Tgt Ion: 129 Resp: 38052
Ion Ratio Lower Upper
129 100
127 75.4 38.6 115.7





#61

1,2-Dibromoethane

Concen: 23.434 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW006469.D

Acq: 29 Oct 2018 23:43

Instrument :

MSVOA_W

ClientSampleId :

VW1031SBS01

Tot Ion: 107 Resp: 31707

Ion Ratio Lower Upper

107 100

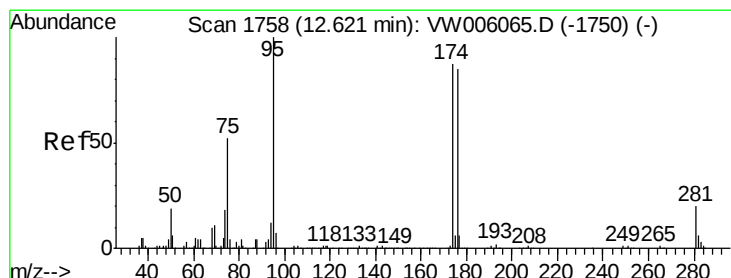
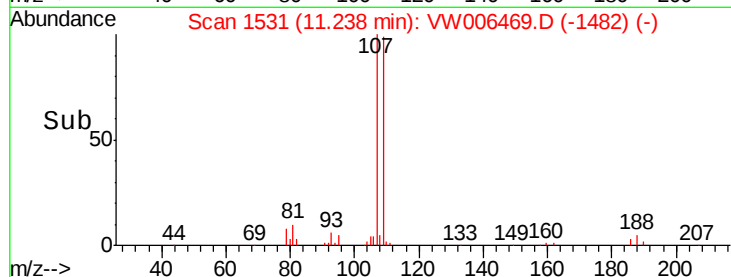
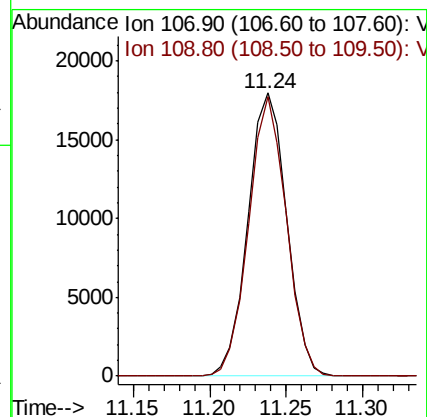
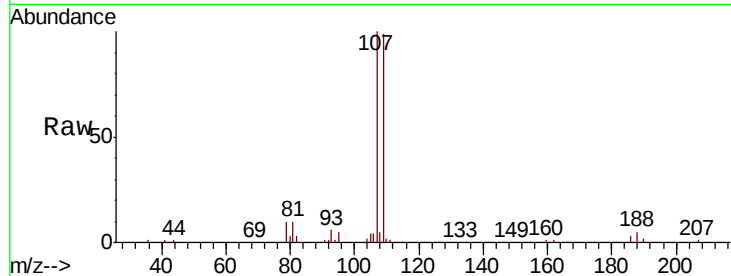
109 95.6 76.3 114.5

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#62

4-Bromofluorobenzene

Concen: 52.695 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006469.D

Acq: 29 Oct 2018 23:43

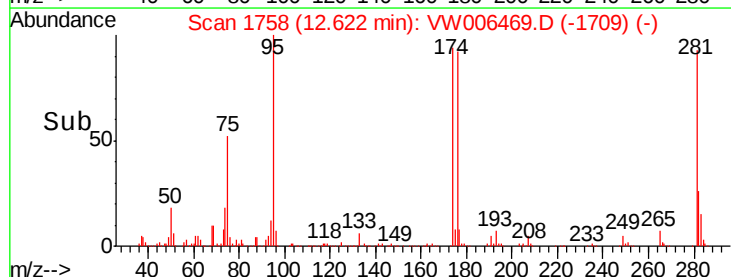
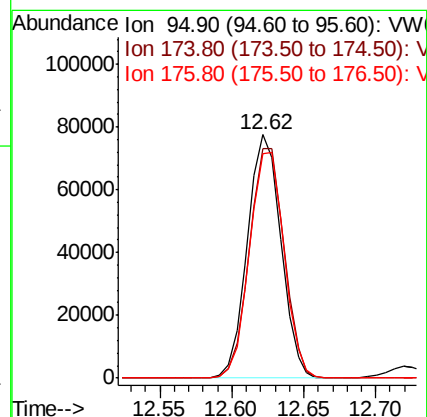
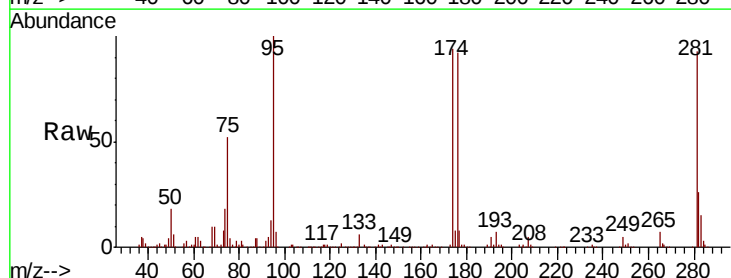
Tgt Ion: 95 Resp: 124857

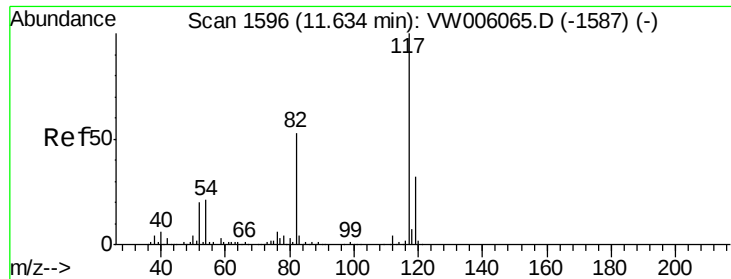
Ion Ratio Lower Upper

95 100

174 97.7 0.0 186.0

176 95.5 0.0 181.6





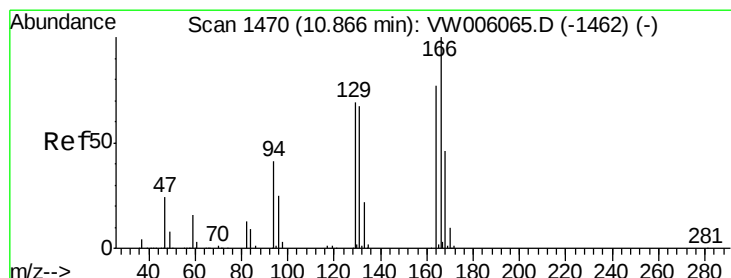
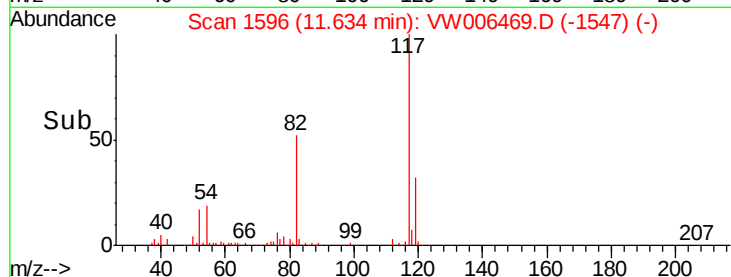
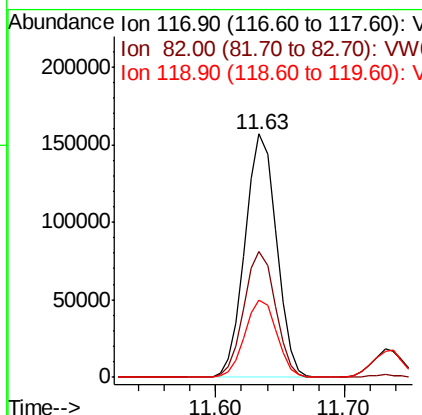
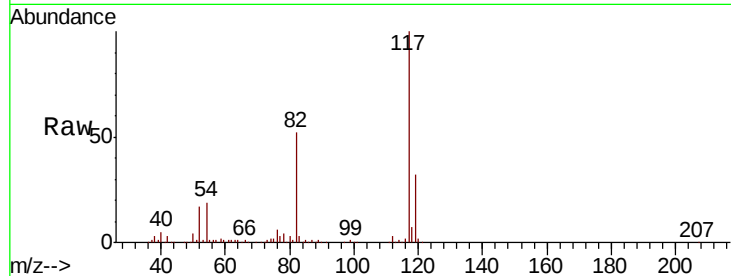
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006469.D
Acq: 29 Oct 2018 23:43

Instrument :
MSVOA_W
ClientSampleId :
VW1031SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	264865		
82	51.7		42.1	63.1
119	31.7		25.8	38.6

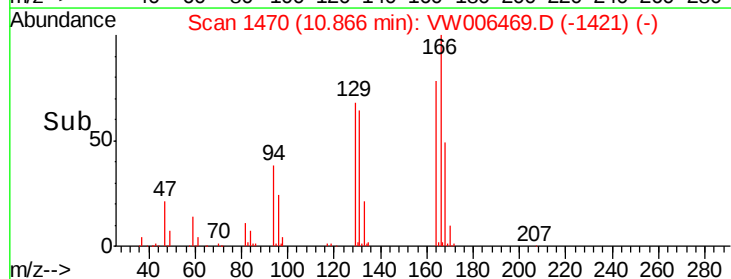
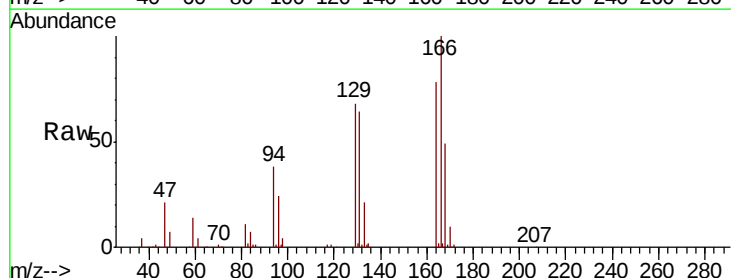
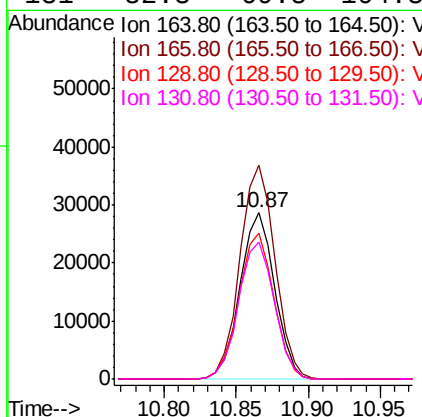
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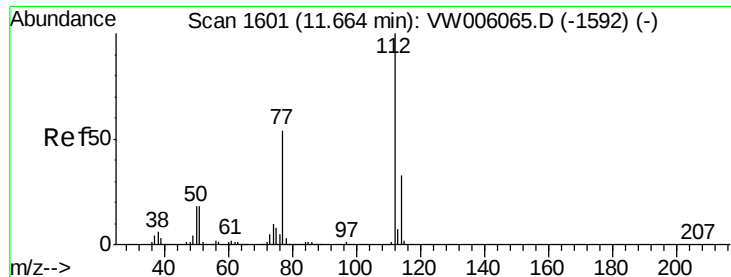
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#64
Tetrachloroethene
Concen: 23.230 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006469.D
Acq: 29 Oct 2018 23:43

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	47764		
166	128.6		103.4	155.0
129	88.0		71.8	107.8
131	82.3		69.5	104.3





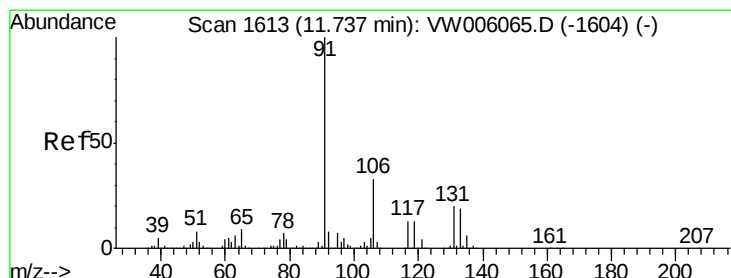
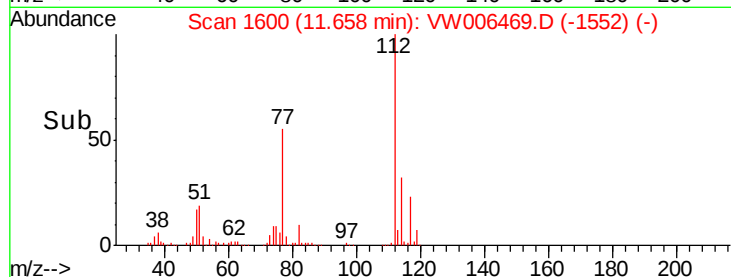
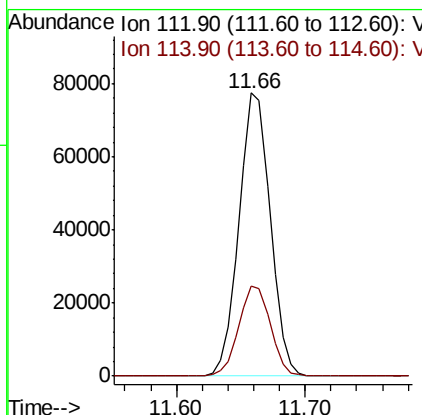
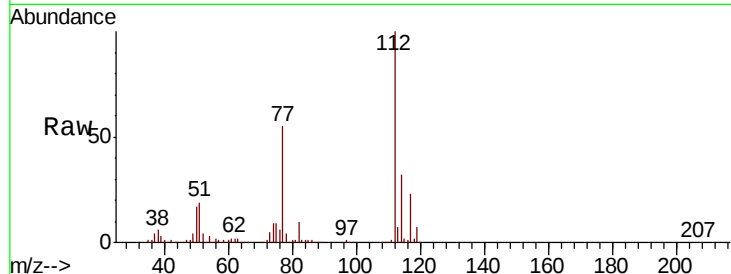
#65
Chlorobenzene
Concen: 22.982 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VW006469.D
Acq: 29 Oct 2018 23:43

Instrument :
MSVOA_W
ClientSampleId :
VW1031SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.8	26.2	39.2

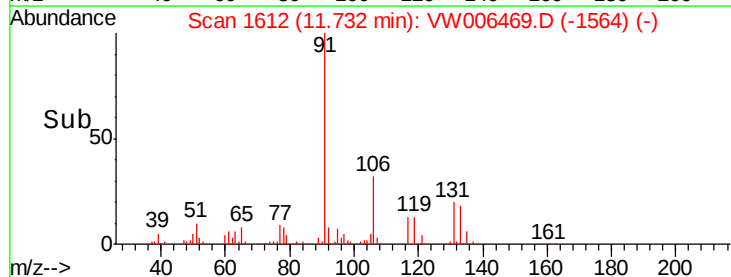
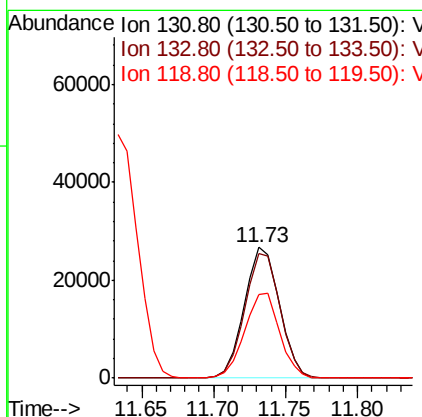
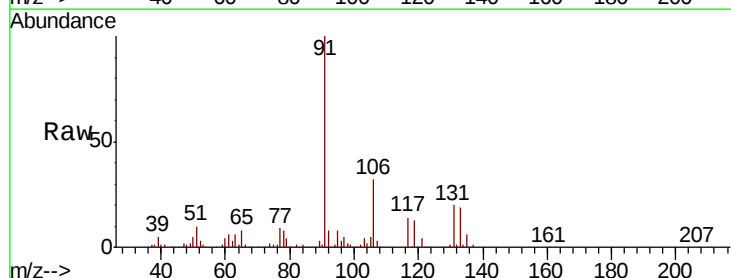
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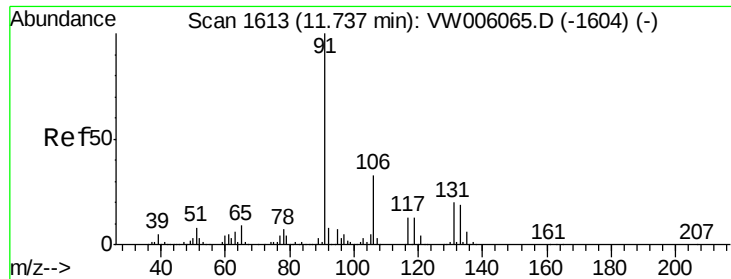
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#66
1,1,1,2-Tetrachloroethane
Concen: 22.405 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.01 min
Lab File: VW006469.D
Acq: 29 Oct 2018 23:43

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.0	48.1	144.3
119	64.8	31.6	94.7





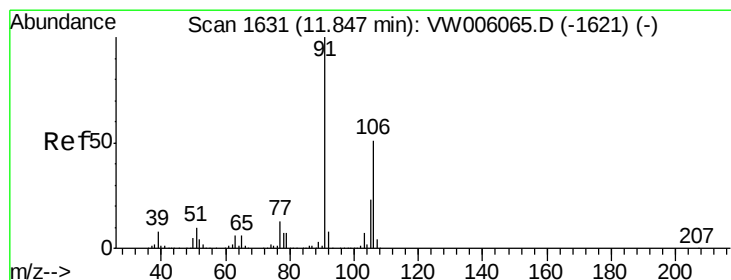
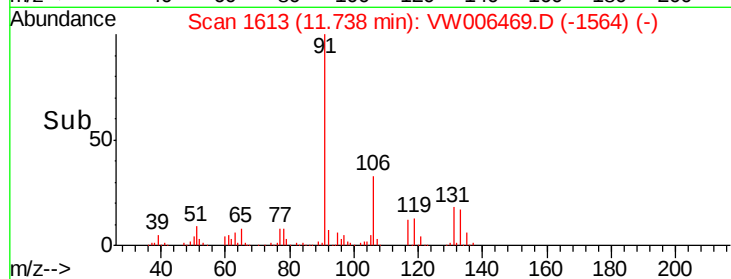
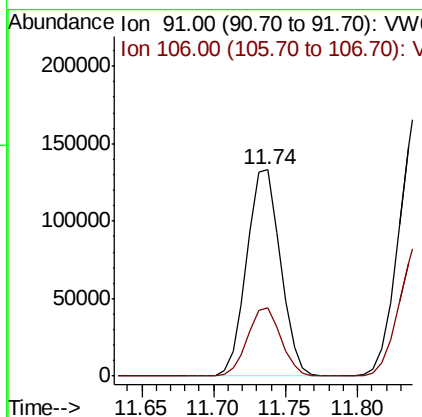
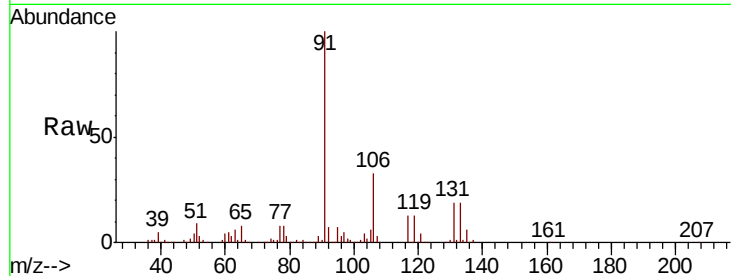
#67
Ethyl Benzene
Concen: 22.069 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW006469.D
Acq: 29 Oct 2018 23:43

Instrument :
MSVOA_W
ClientSampleId :
VW1031SBS01

Tot Ion: 91 Resp: 216854
Ion Ratio Lower Upper
91 100
106 33.0 26.1 39.1

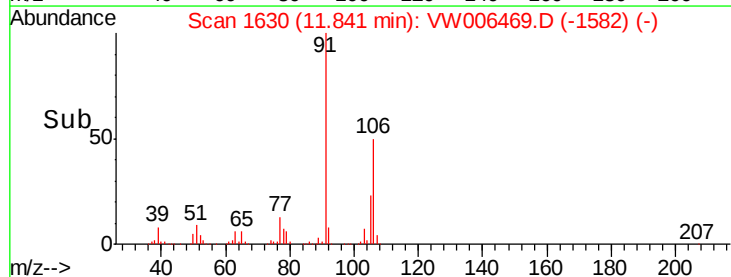
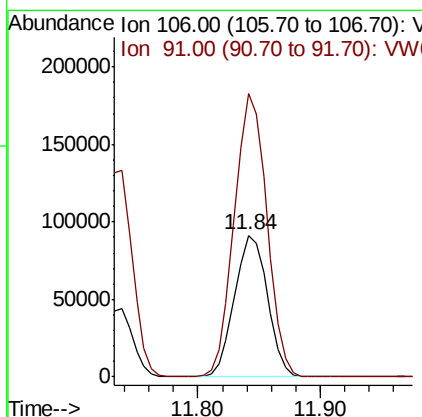
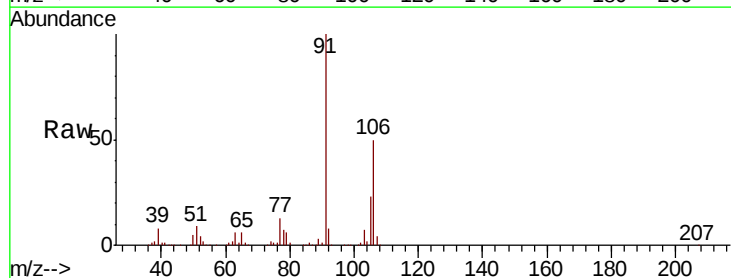
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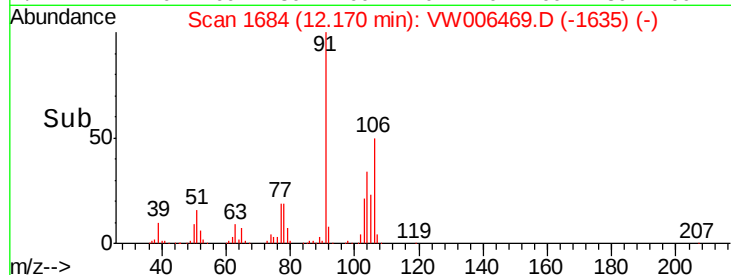
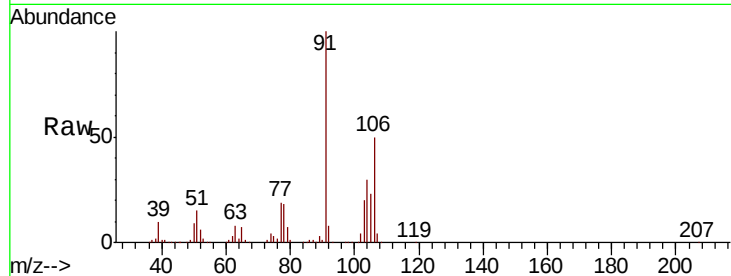
apatel
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#68
m/p-Xylenes
Concen: 44.067 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW006469.D
Acq: 29 Oct 2018 23:43

Tgt Ion: 106 Resp: 171150
Ion Ratio Lower Upper
106 100
91 197.6 159.1 238.7





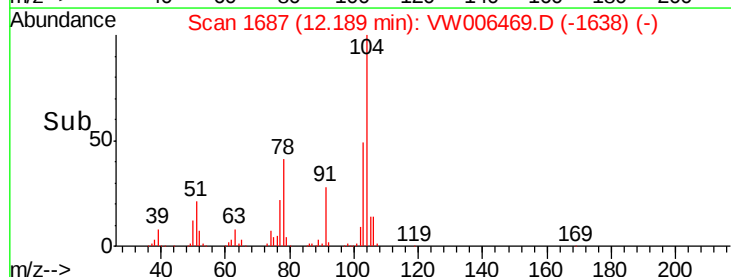
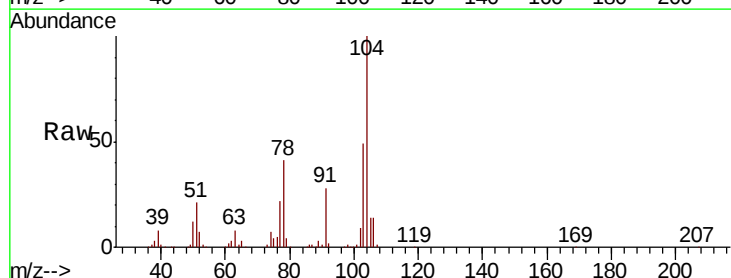
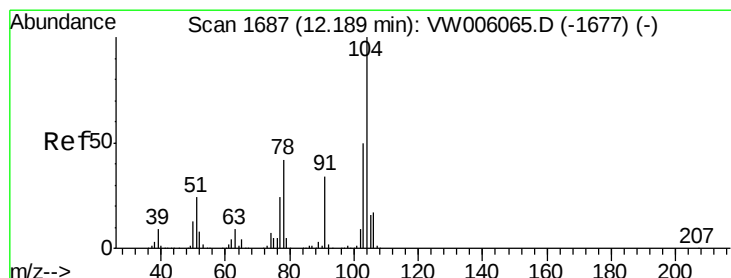
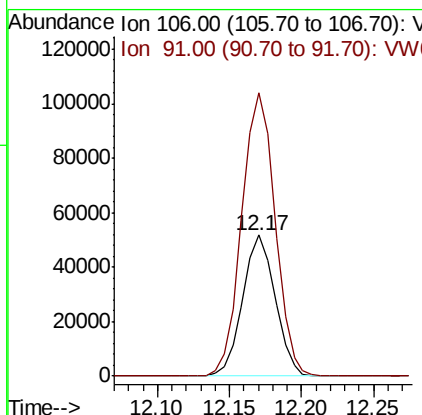
#69
o-Xylene
Concen: 21.846 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006469.D
Acq: 29 Oct 2018 23:43

Tot Ion:106 Resp: 80861
Ion Ratio Lower Upper
106 100
91 206.5 105.4 316.1

Instrument :
MSVOA_W
ClientSampleId :
VW1031SBS01

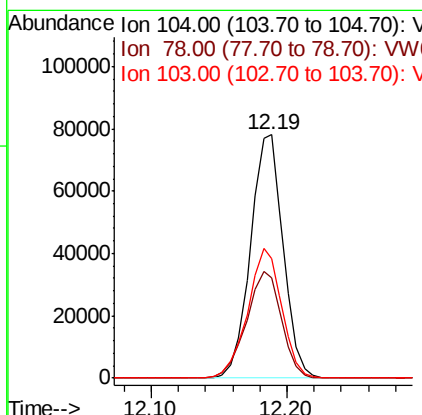
Manual Integrations
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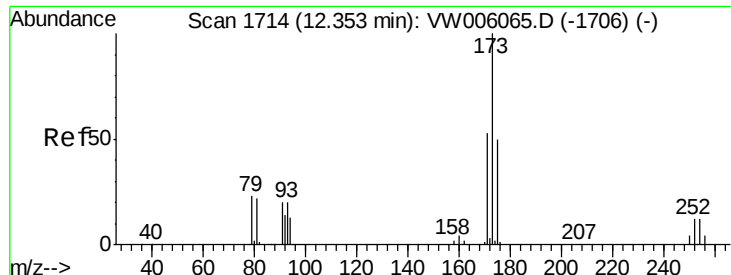
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#70
Styrene
Concen: 21.864 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VW006469.D
Acq: 29 Oct 2018 23:43

Tgt Ion:104 Resp: 131600
Ion Ratio Lower Upper
104 100
78 47.0 39.1 58.7
103 55.5 44.3 66.5





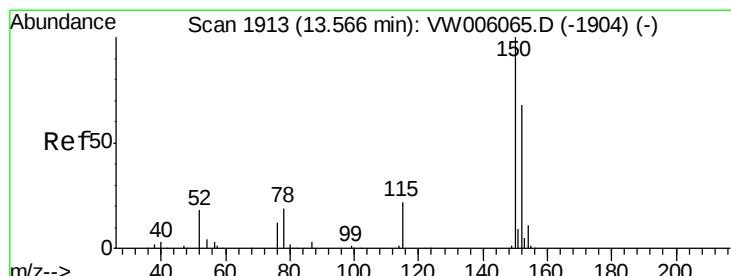
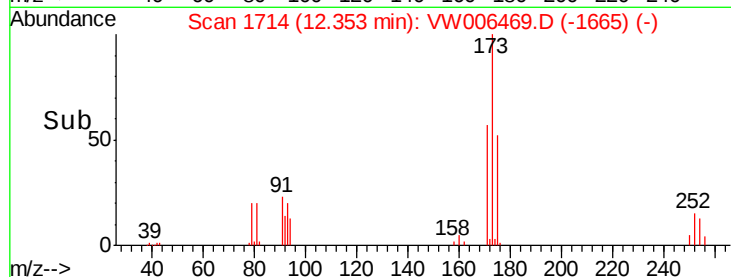
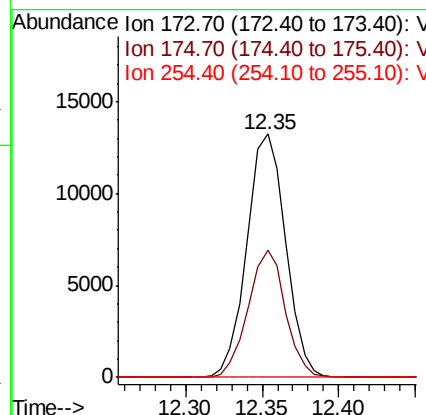
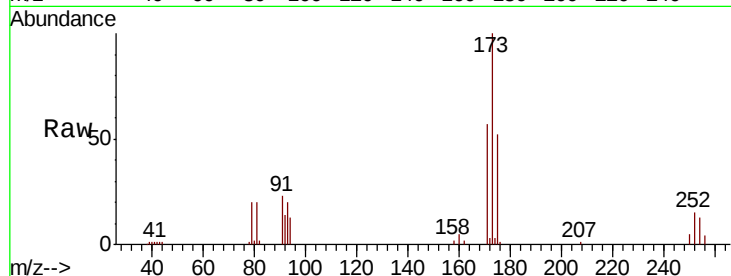
#71
Bromoform
Concen: 20.798 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.00 min
Lab File: VW006469.D
Acq: 29 Oct 2018 23:43

Instrument :
MSVOA_W
ClientSampleId :
VW1031SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	50.0	24.2	72.6
254	0.0	0.1	0.1#

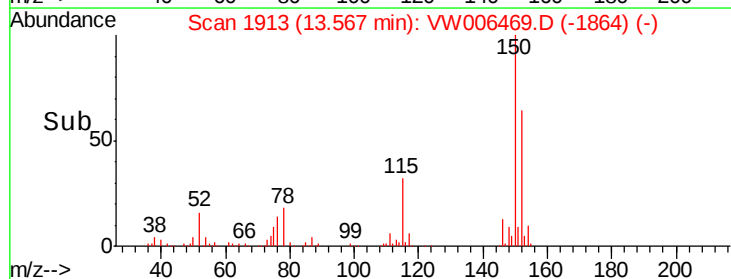
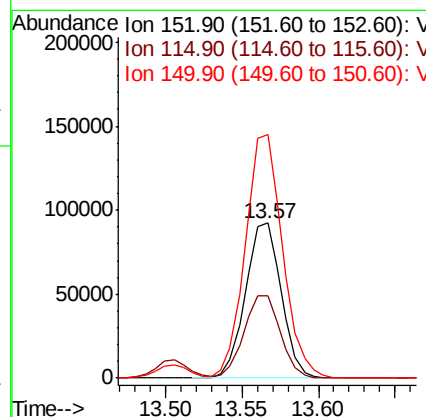
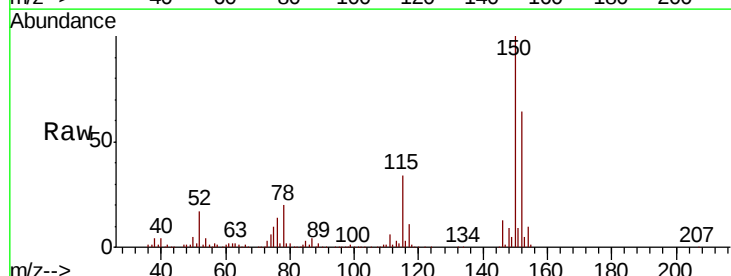
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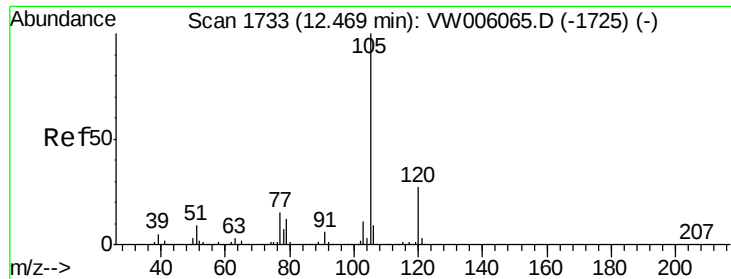
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006469.D
Acq: 29 Oct 2018 23:43

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.2	27.8	83.3
150	163.8	0.0	349.2





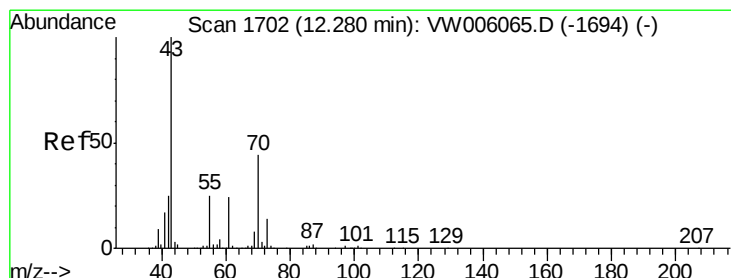
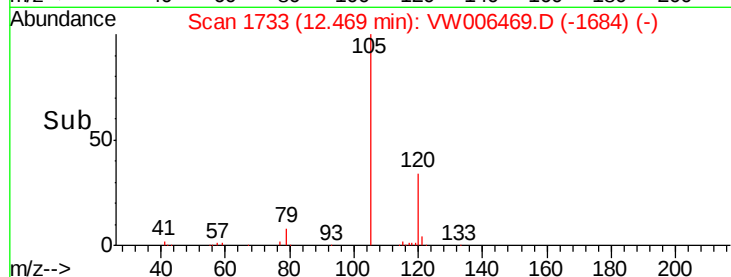
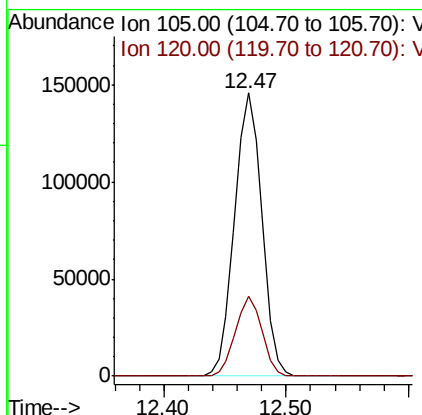
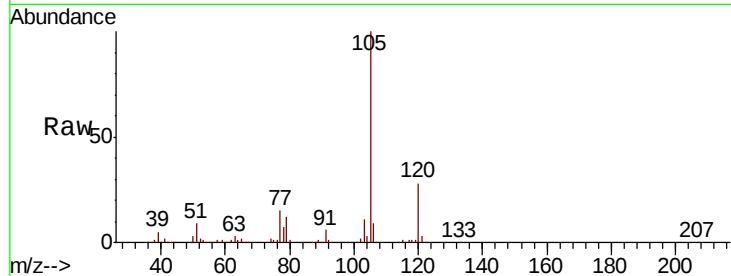
#73
Isopropylbenzene
Concen: 21.230 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VW006469.D
Acq: 29 Oct 2018 23:43

Instrument :
MSVOA_W
ClientSampleId :
VW1031SBS01

Tot Ion:105 Resp: 224654
Ion Ratio Lower Upper
105 100
120 27.5 13.6 40.7

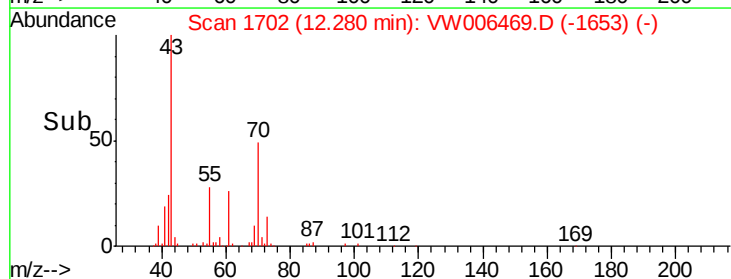
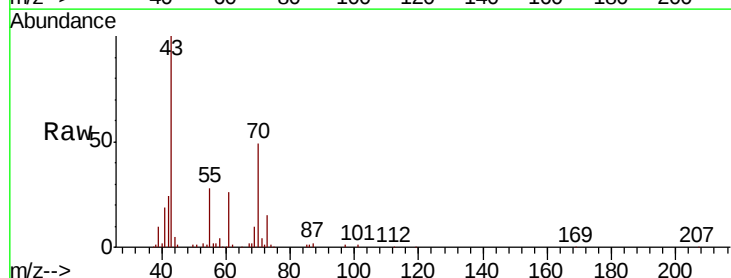
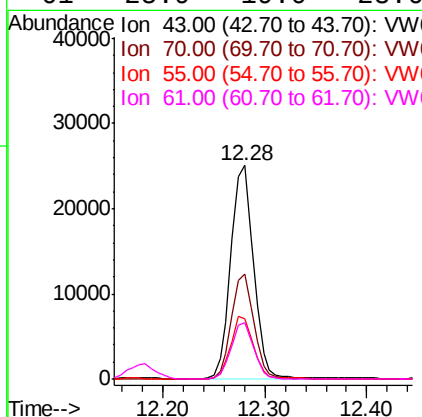
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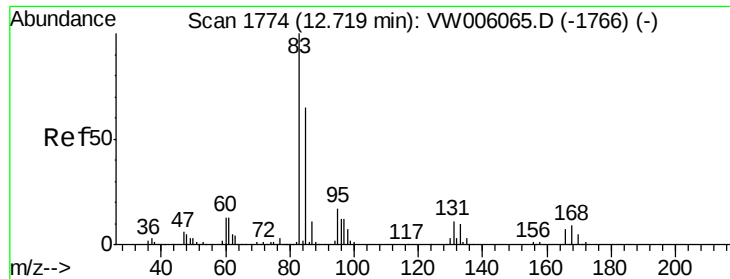
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#74
N-ethyl acetate
Concen: 18.897 ug/l
RT: 12.28 min Scan# 1702
Delta R.T. 0.00 min
Lab File: VW006469.D
Acq: 29 Oct 2018 23:43

Tgt Ion: 43 Resp: 38839
Ion Ratio Lower Upper
43 100
70 48.1 34.2 51.4
55 28.9 19.2 28.8#
61 25.9 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 23.060 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW006469.D

Acq: 29 Oct 2018 23:43

Instrument :

MSVOA_W

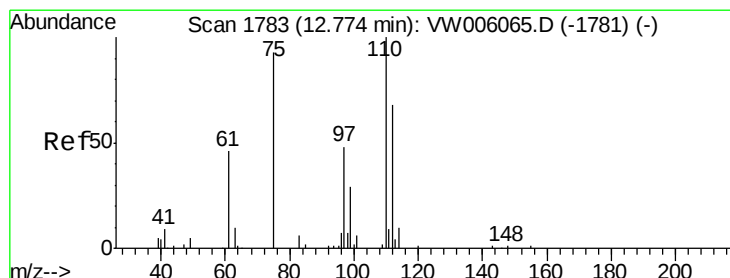
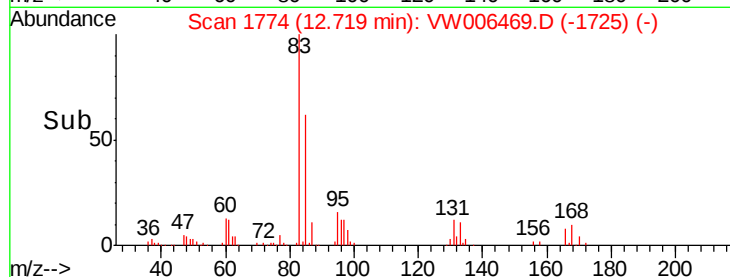
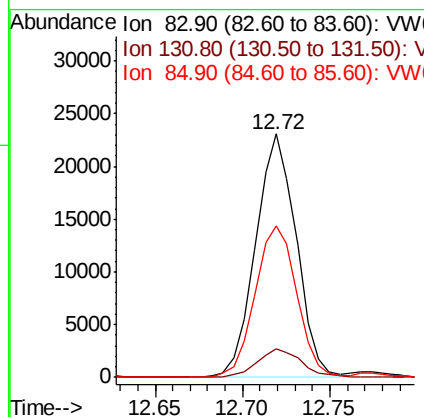
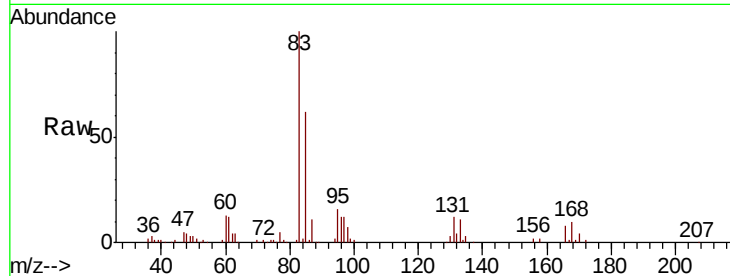
ClientSampleId :

VW1031SBS01

Tot Ion:	83	Resp:	37114
Ion	Ratio	Lower	Upper
83	100		
131	12.7	5.9	17.7
85	63.8	31.9	95.9

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#76

1,2,3-Trichloropropane

Concen: 20.301 ug/l m

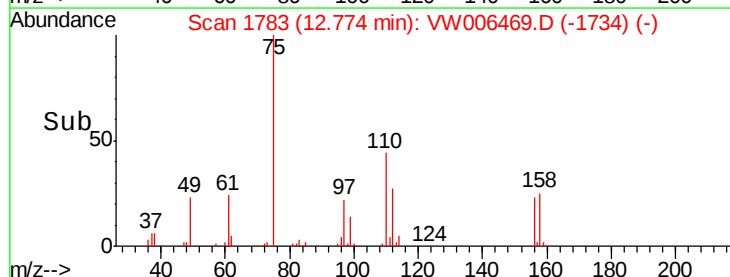
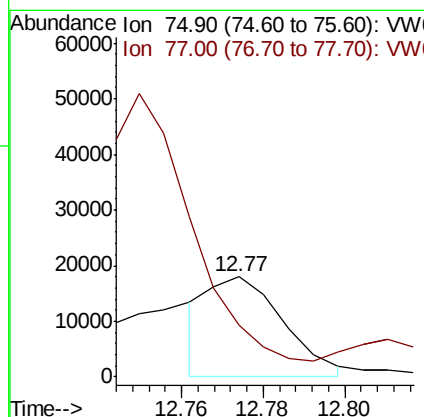
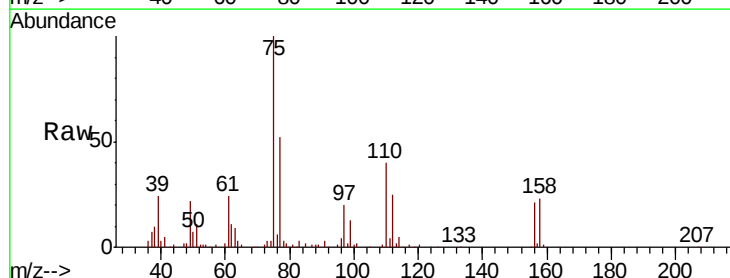
RT: 12.77 min Scan# 1783

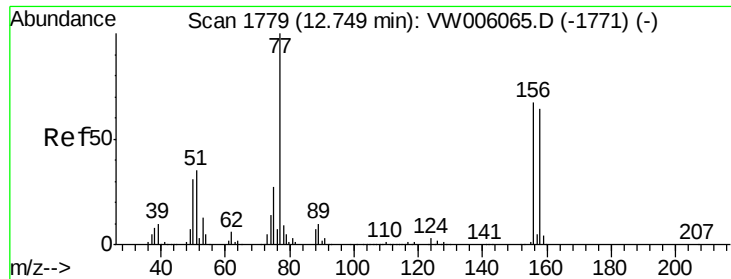
Delta R.T. 0.00 min

Lab File: VW006469.D

Acq: 29 Oct 2018 23:43

Tgt Ion:	75	Resp:	23226
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





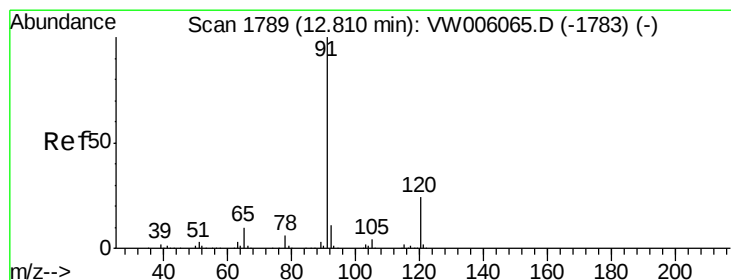
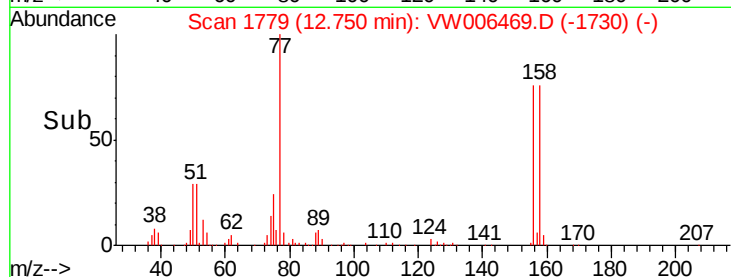
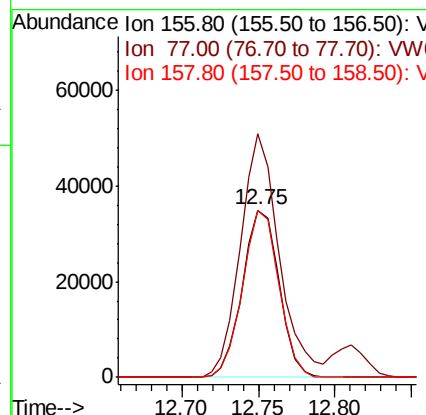
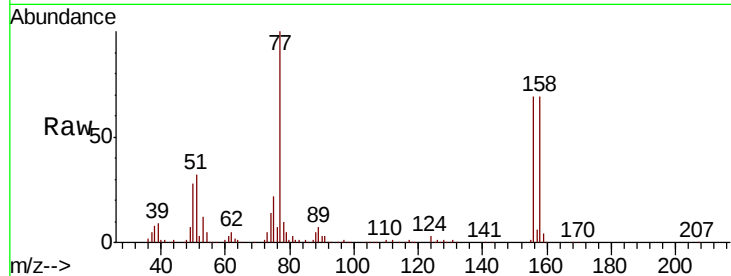
#77
Bromobenzene
Concen: 22.509 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. 0.00 min
Lab File: VW006469.D
Acq: 29 Oct 2018 23:43

Instrument :
MSVOA_W
ClientSampleId :
VW1031SBS01

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	154.2	79.1	237.4	
158	98.8	48.5	145.6	

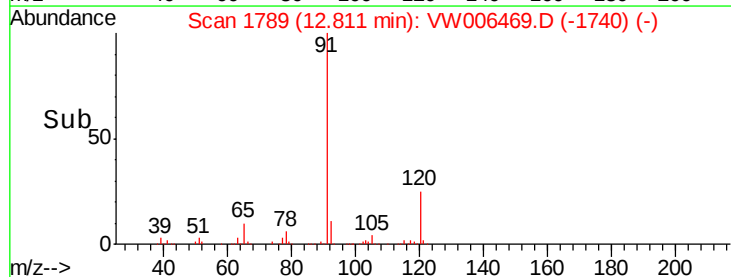
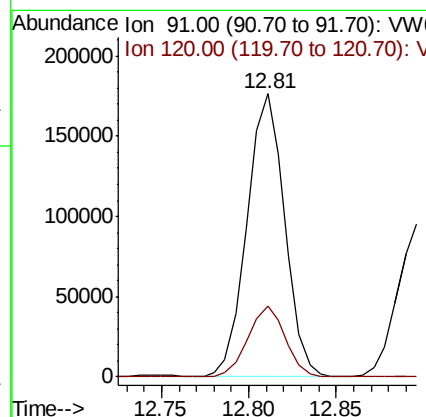
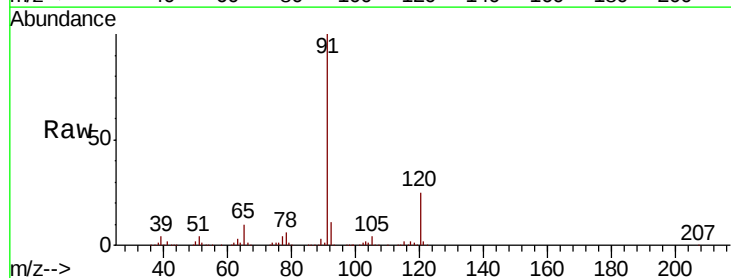
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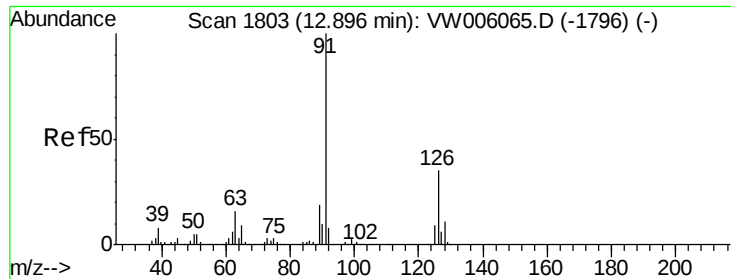
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#78
n-propylbenzene
Concen: 21.514 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VW006469.D
Acq: 29 Oct 2018 23:43

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	24.7	12.2	36.6	





#79

2-Chlorotoluene

Concen: 21.687 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW006469.D

Acq: 29 Oct 2018 23:43

Instrument :

MSVOA_W

ClientSampleId :

VW1031SBS01

Tot Ion: 91 Resp: 150010

Ion Ratio Lower Upper

91 100

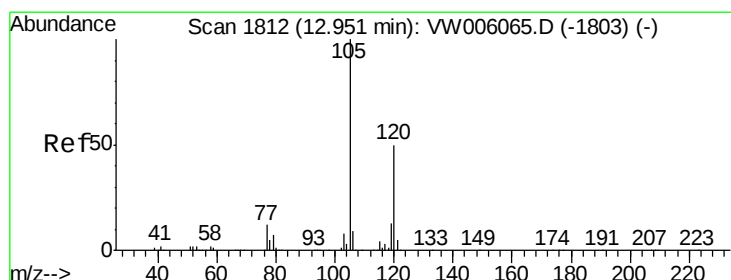
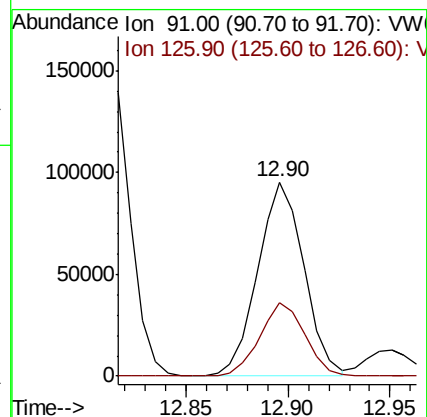
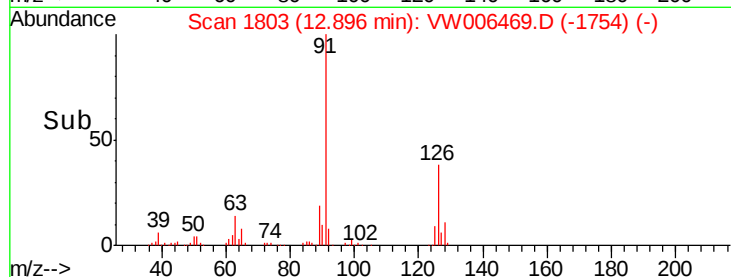
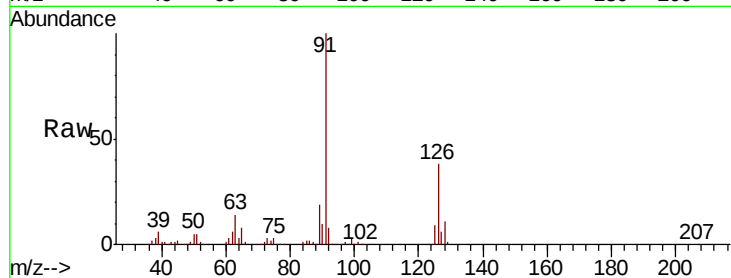
126 37.3 17.9 53.8

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#80

1,3,5-Trimethylbenzene

Concen: 21.492 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW006469.D

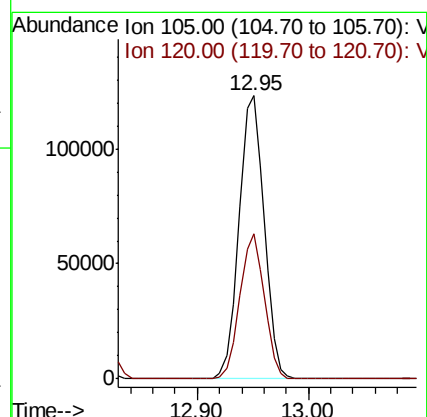
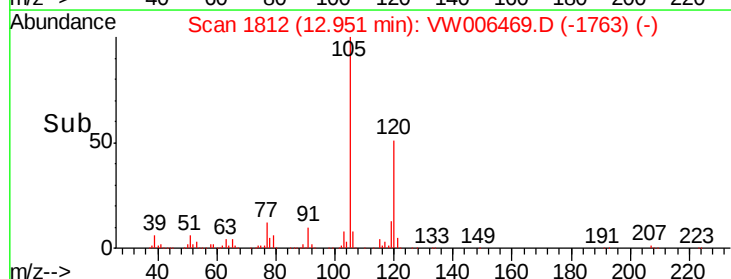
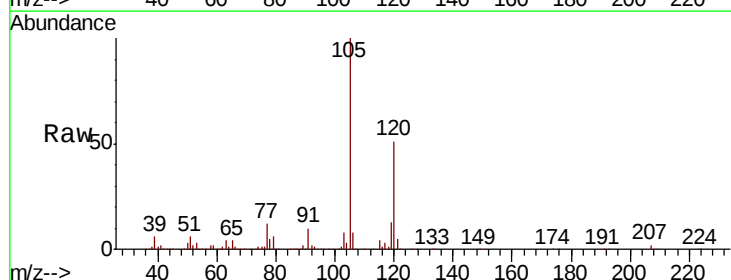
Acq: 29 Oct 2018 23:43

Tgt Ion:105 Resp: 191724

Ion Ratio Lower Upper

105 100

120 50.2 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 19.410 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VW006469.D

Acq: 29 Oct 2018 23:43

Instrument :

MSVOA_W

ClientSampleId :

VW1031SBS01

Tot Ion: 75 Resp: 9290

Ion Ratio Lower Upper

75 100

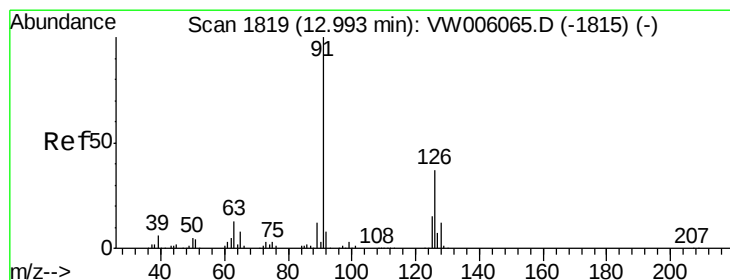
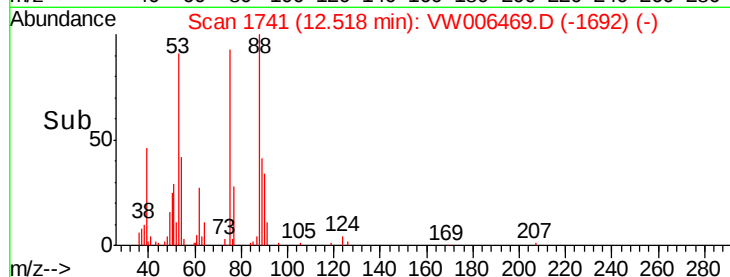
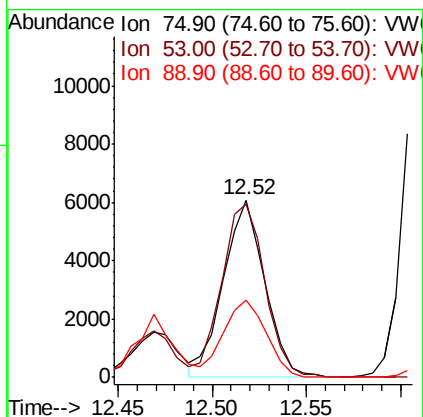
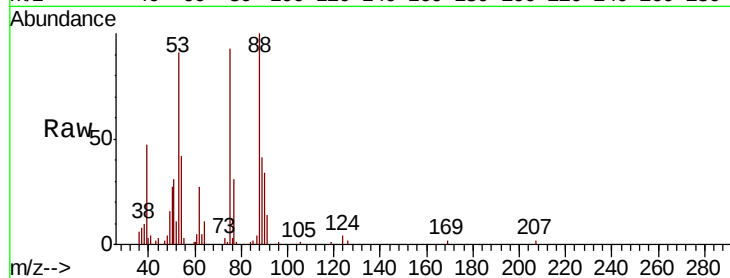
53 102.1 79.8 119.6

89 44.7 37.5 56.3

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#82

4-Chlorotoluene

Concen: 21.908 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.00 min

Lab File: VW006469.D

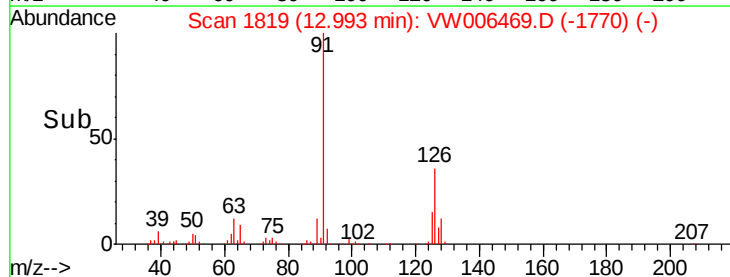
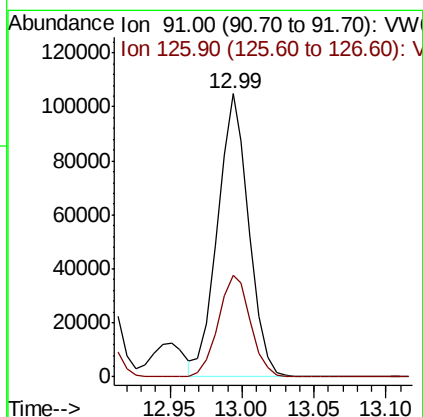
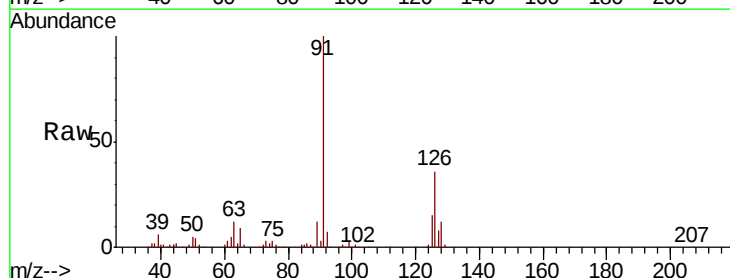
Acq: 29 Oct 2018 23:43

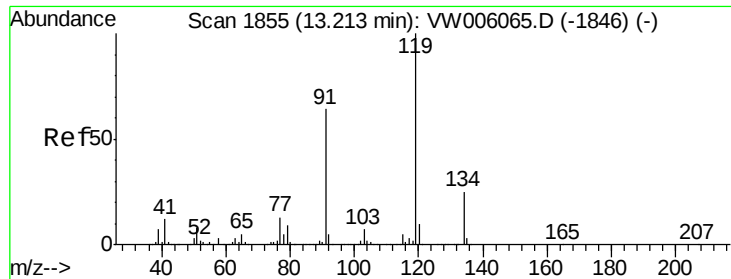
Tgt Ion: 91 Resp: 158744

Ion Ratio Lower Upper

91 100

126 37.1 18.1 54.3





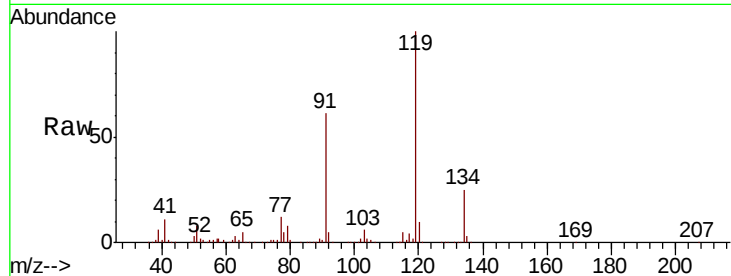
#83
tert-Butylbenzene
Concen: 21.332 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VW006469.D
Acq: 29 Oct 2018 23:43

Instrument :
MSVOA_W
ClientSampleId :
VW1031SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	61.2	32.3	96.9
134	26.7	13.6	40.8

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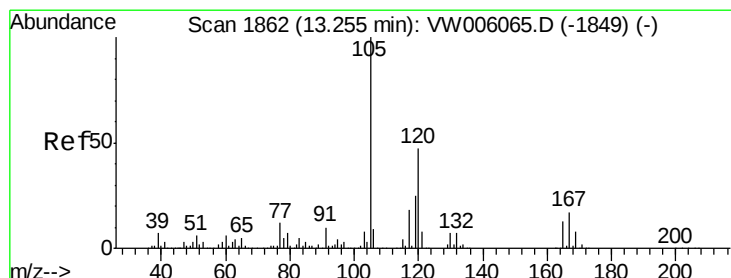
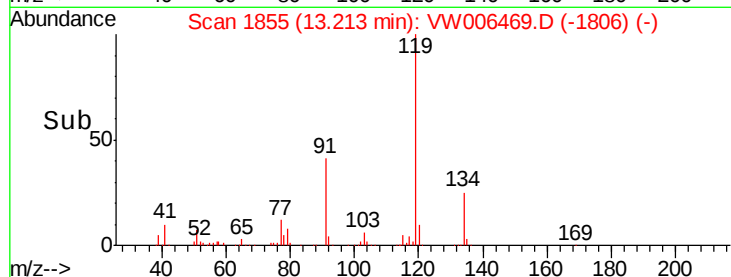
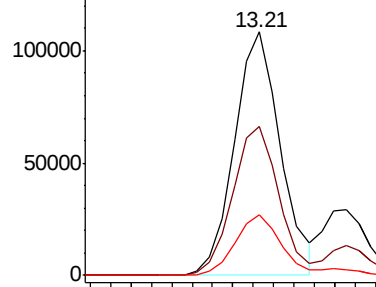


Abundance

Ion 119.00 (118.70 to 119.70): V

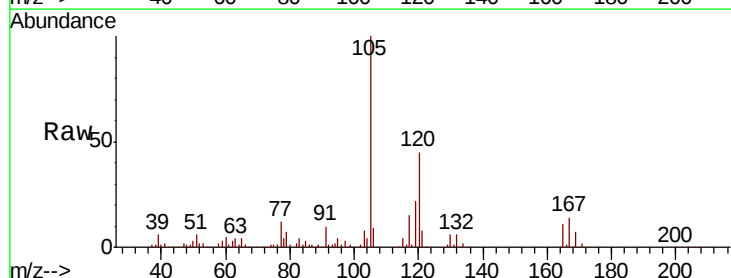
Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84
1,2,4-Trimethylbenzene
Concen: 21.752 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW006469.D
Acq: 29 Oct 2018 23:43

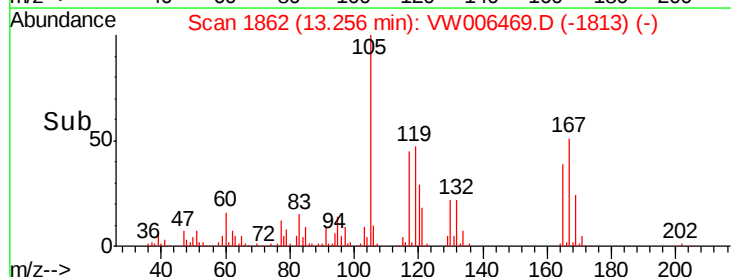
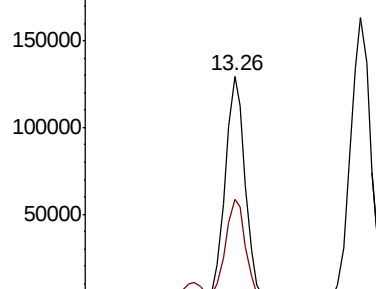
Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.3	23.1	69.3

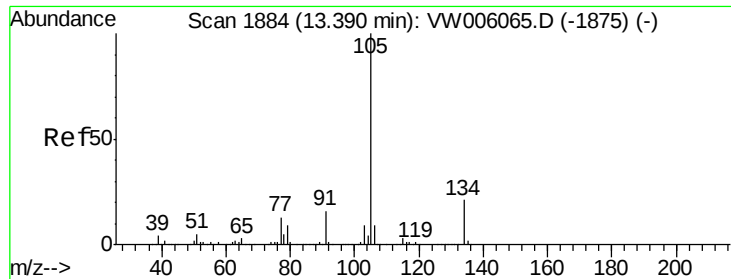


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





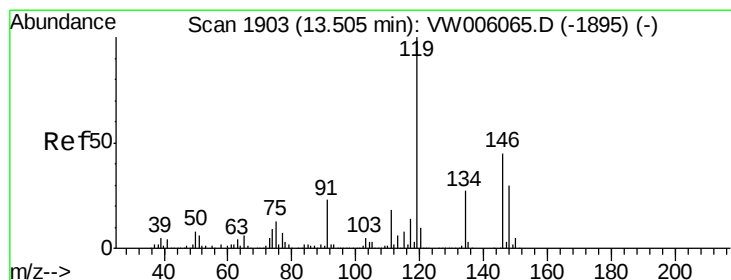
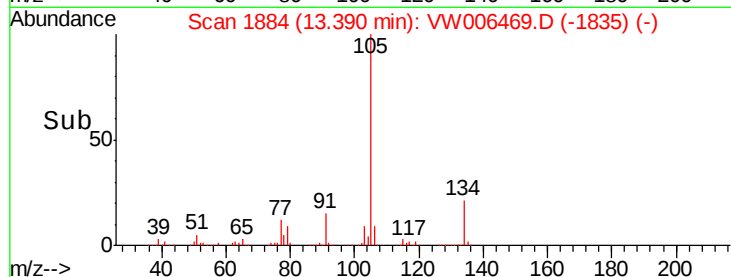
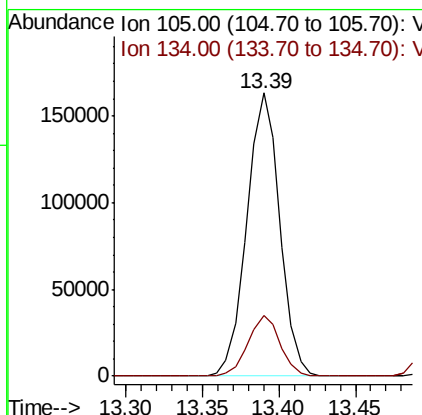
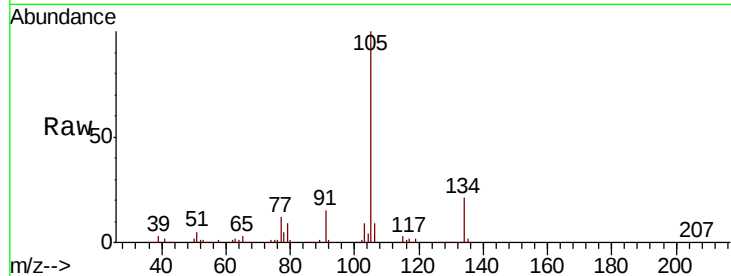
#85
 sec-Butylbenzene
 Concen: 21.626 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW006469.D
 Acq: 29 Oct 2018 23:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1031SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.0	10.5	31.6

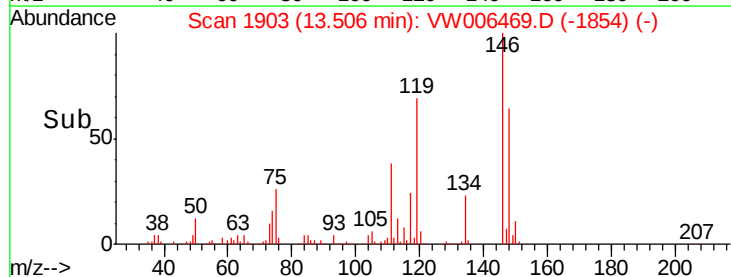
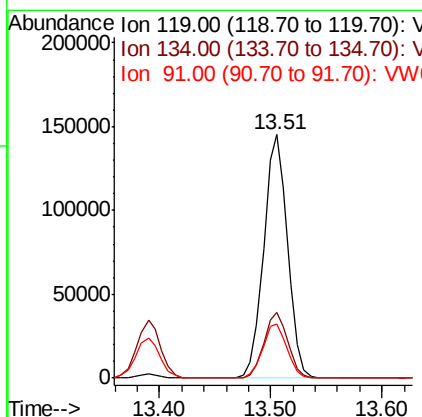
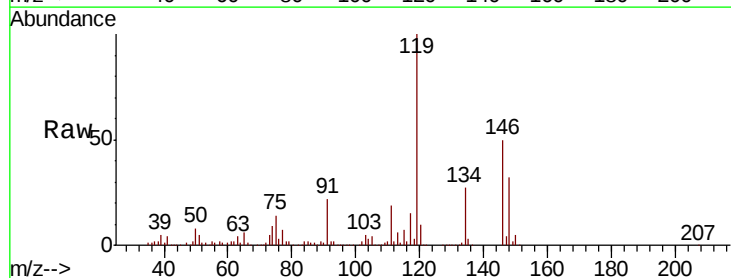
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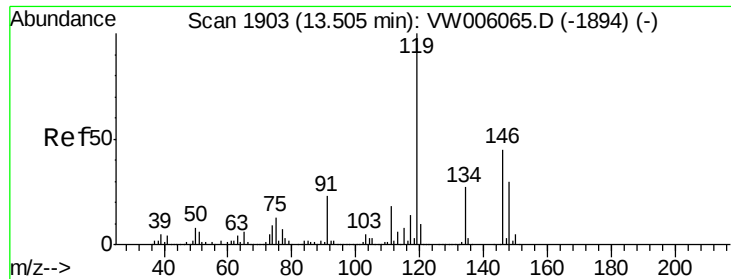
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#86
 p-Isopropyltoluene
 Concen: 21.269 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006469.D
 Acq: 29 Oct 2018 23:43

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.1	13.4	40.2
91	22.7	11.4	34.1





#87

1,3-Dichlorobenzene

Concen: 22.574 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW006469.D

Acq: 29 Oct 2018 23:43

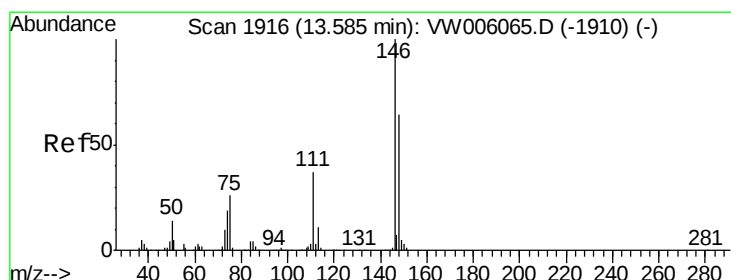
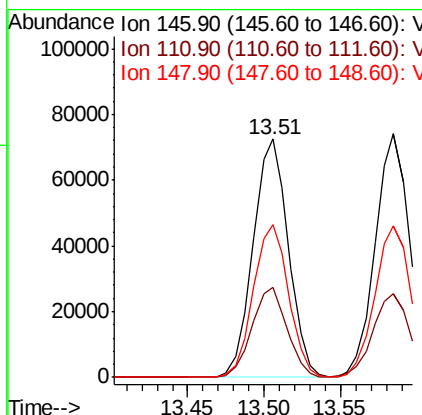
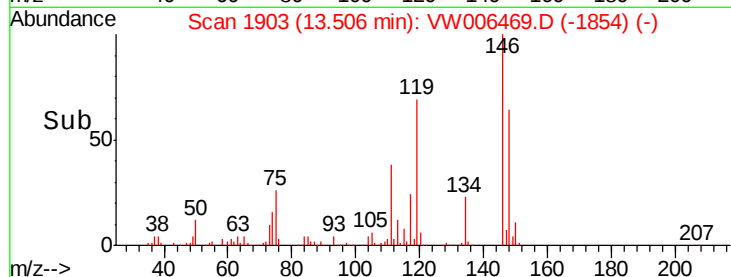
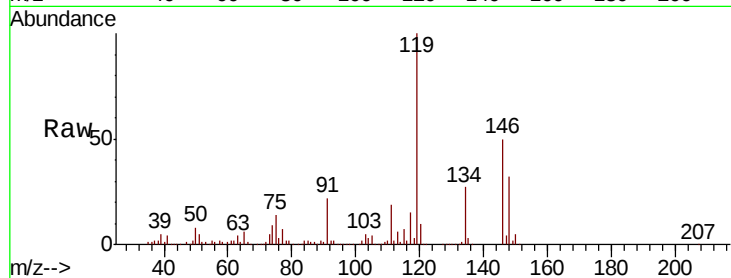
Instrument :
MSVOA_W

ClientSampleId :
VW1031SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.3	19.1	57.5
148	64.0	32.0	96.2

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#88

1,4-Dichlorobenzene

Concen: 22.687 ug/l

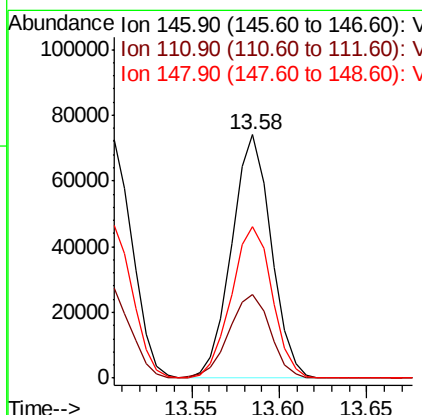
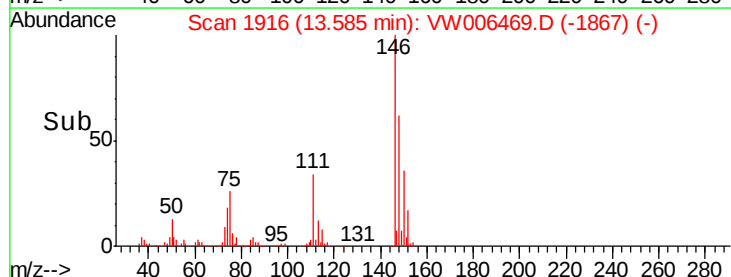
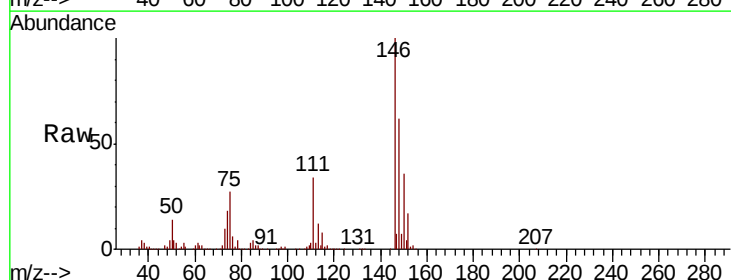
RT: 13.58 min Scan# 1916

Delta R.T. 0.00 min

Lab File: VW006469.D

Acq: 29 Oct 2018 23:43

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.2	18.6	56.0
148	64.2	32.1	96.5





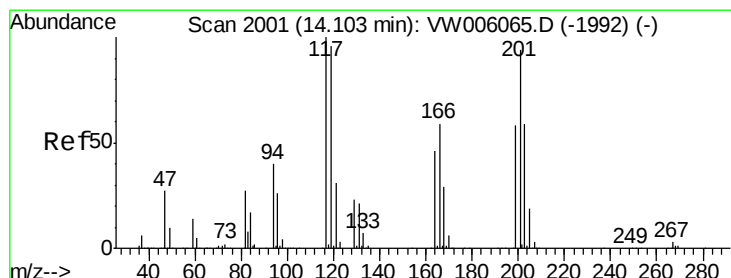
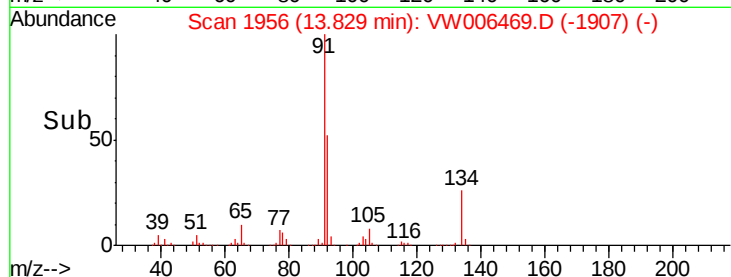
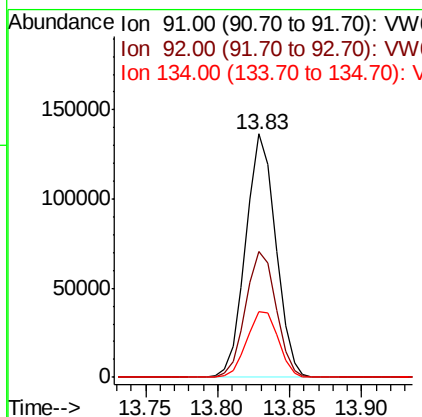
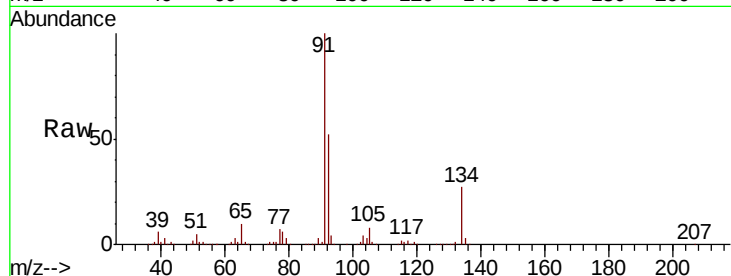
#89
n-Butylbenzene
Concen: 21.185 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW006469.D
Acq: 29 Oct 2018 23:43

Instrument :
MSVOA_W
ClientSampleId :
VW1031SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.3	26.6	79.7
134	28.2	14.0	41.9

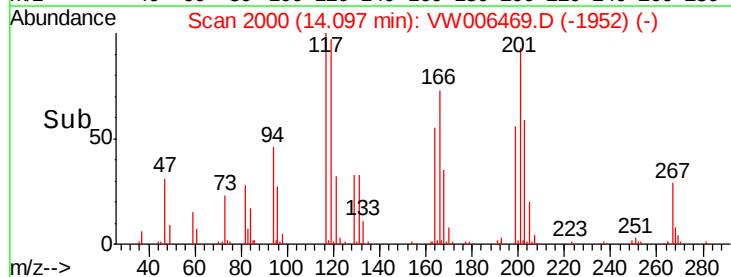
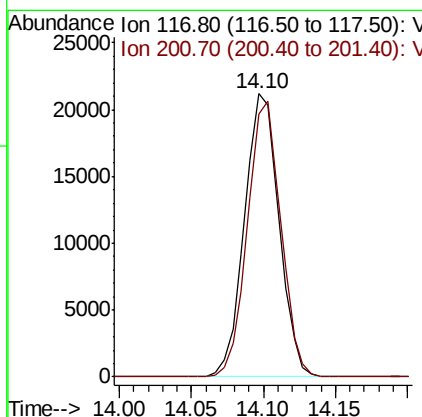
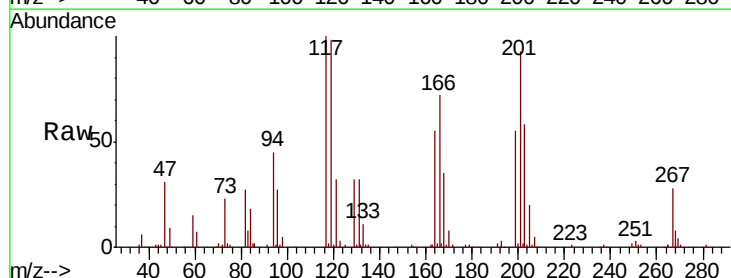
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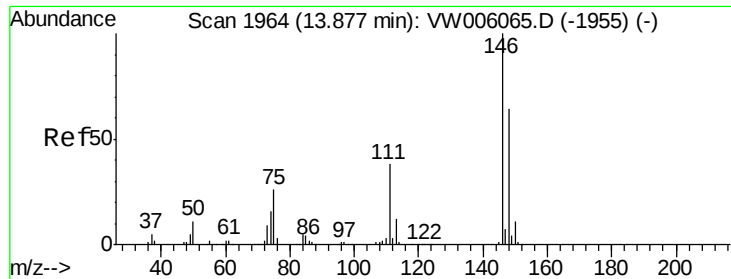
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#90
Hexachloroethane
Concen: 20.368 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.01 min
Lab File: VW006469.D
Acq: 29 Oct 2018 23:43

Tgt Ion	Ratio	Lower	Upper
117	100		
201	93.5	45.3	135.9





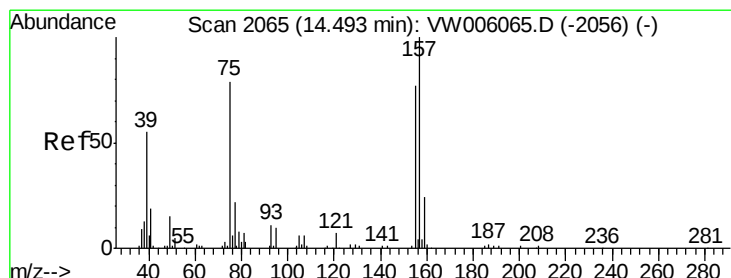
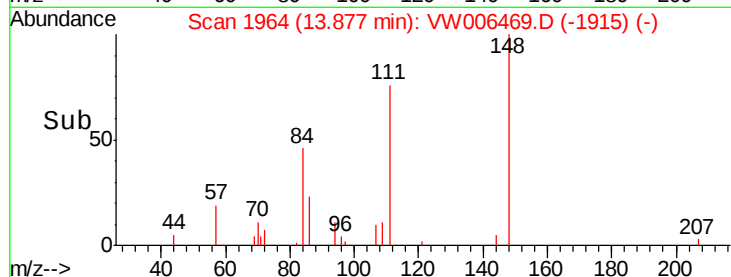
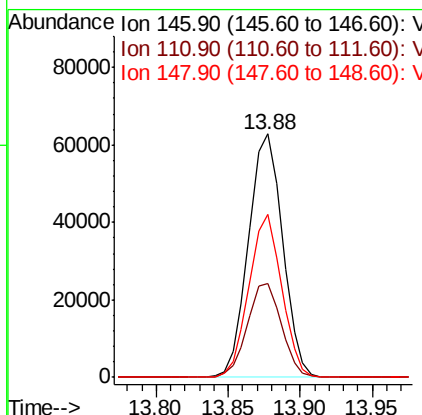
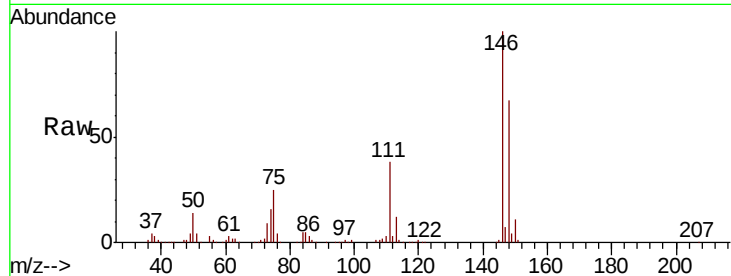
#91
 1,2-Dichlorobenzene
 Concen: 22.404 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW006469.D
 Acq: 29 Oct 2018 23:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1031SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.6	58.7
148	64.2	32.2	96.6

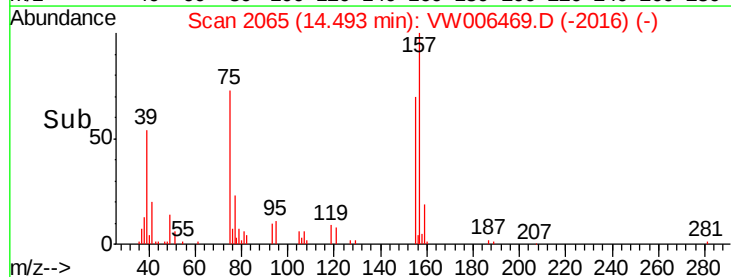
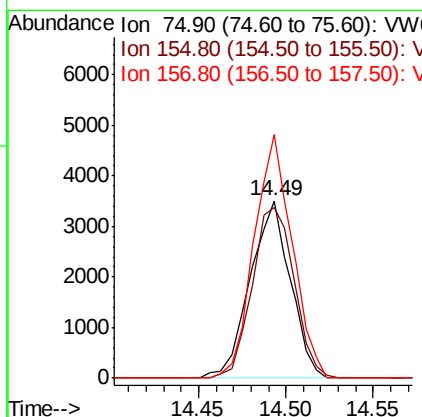
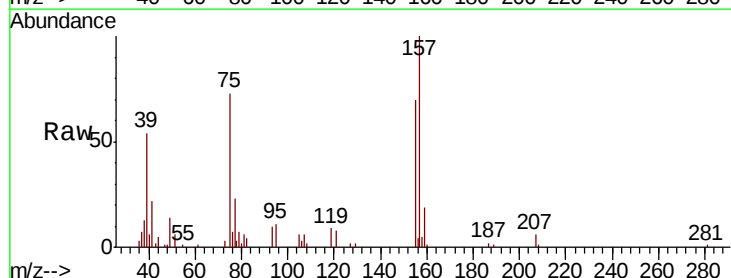
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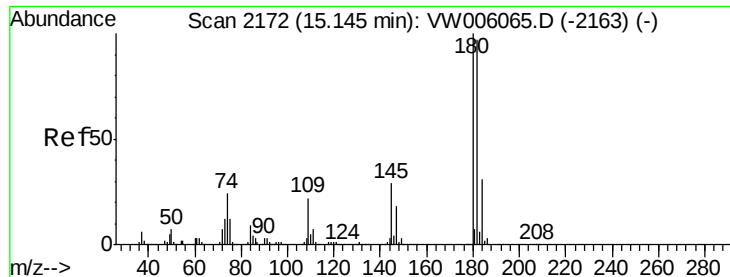
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.413 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: VW006469.D
 Acq: 29 Oct 2018 23:43

Tgt Ion	Ratio	Lower	Upper
75	100		
155	99.9	46.5	139.5
157	129.7	59.8	179.4





#93

1,2,4-Trichlorobenzene

Concen: 21.754 ug/l

RT: 15.14 min Scan# 2171

Delta R.T. -0.01 min

Lab File: VW006469.D

Acq: 29 Oct 2018 23:43

Instrument :

MSVOA_W

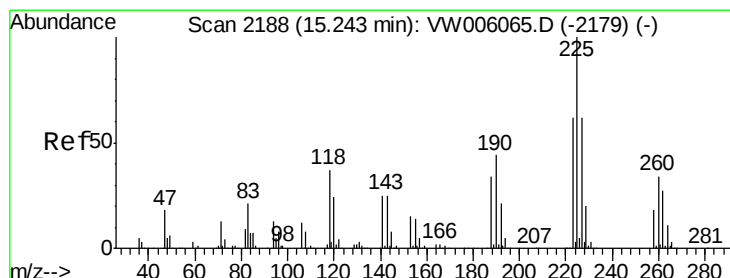
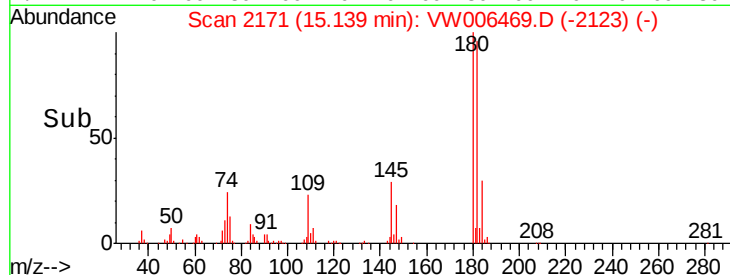
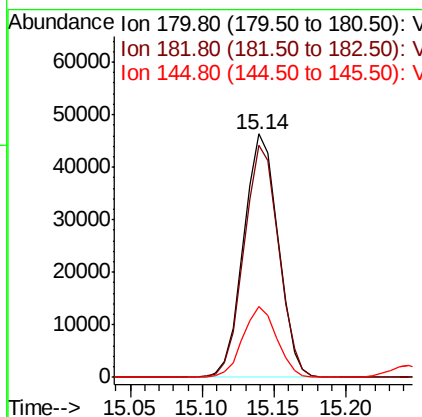
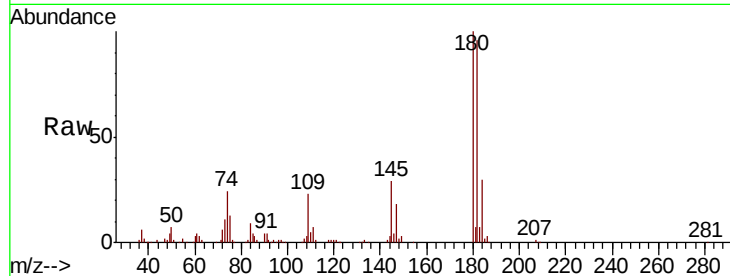
ClientSampleId :

VW1031SBS01

Tot Ion:	180	Resp:	77017
Ion Ratio	Lower	Upper	
180	100		
182	95.3	47.9	143.6
145	28.4	14.2	42.8

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#94

Hexachlorobutadiene

Concen: 21.977 ug/l

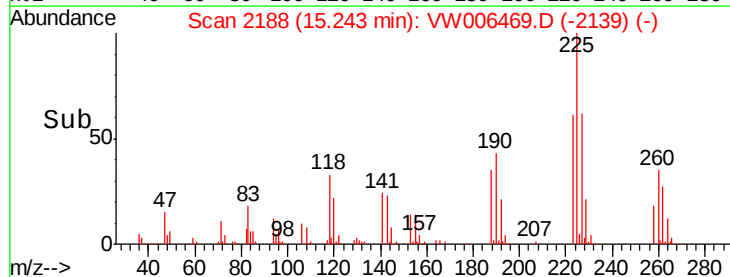
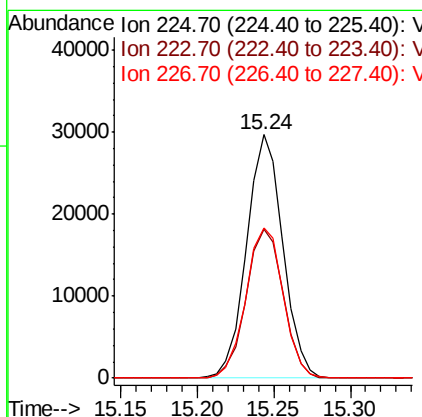
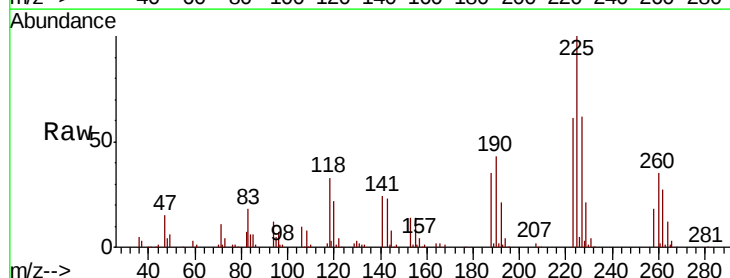
RT: 15.24 min Scan# 2188

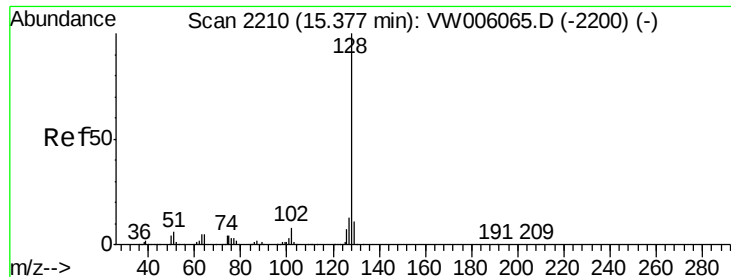
Delta R.T. 0.00 min

Lab File: VW006469.D

Acq: 29 Oct 2018 23:43

Tgt Ion:	225	Resp:	48877
Ion Ratio	Lower	Upper	
225	100		
223	62.9	31.1	93.5
227	63.6	32.4	97.0





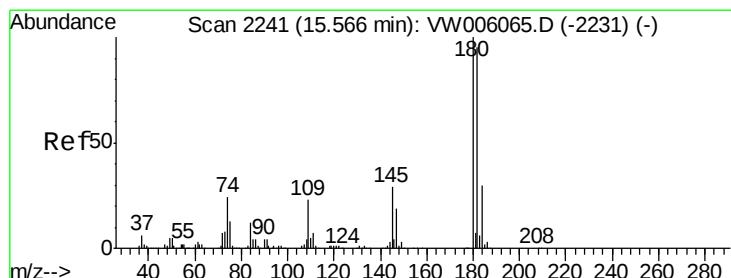
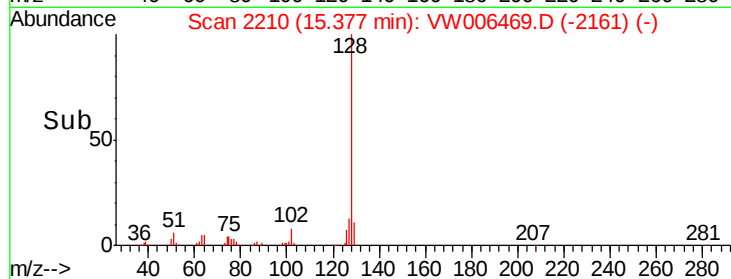
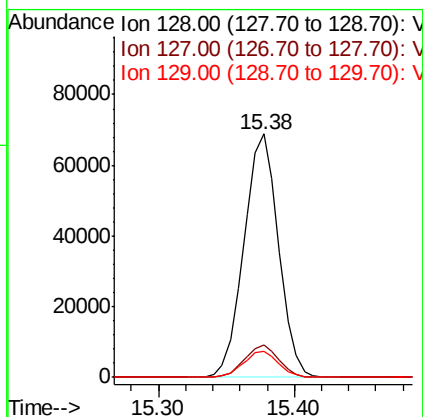
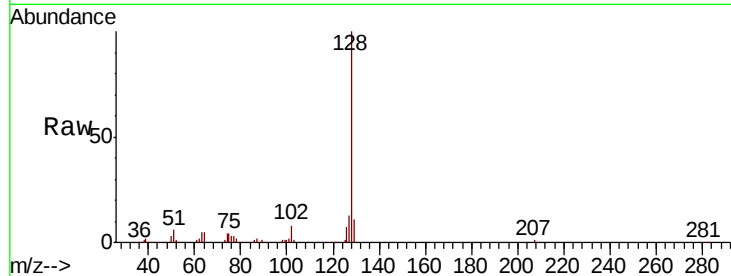
#95
Naphthalene
Concen: 20.750 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006469.D
Acq: 29 Oct 2018 23:43

Instrument :
MSVOA_W
ClientSampleId :
VW1031SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.3	15.5
129	10.8	8.7	13.1

Manual Integrations
APPROVED

apatel
10/30/2018 2:16:20 PM



#96
1,2,3-Trichlorobenzene
Concen: 21.999 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW006469.D
Acq: 29 Oct 2018 23:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	47.8	143.3
145	29.5	15.0	45.1

