

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110418\
 Data File : VW006603.D
 Acq On : 02 Nov 2018 16:06
 Operator : SY/AP
 Sample : VW1104SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1104SBS01

Manual Integrations
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 11/5/2018 10:12:40 AM

Quant Time: Nov 02 23:49:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	250123	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	350694	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	324752	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	184191	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	105816	49.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.44%	
35) Dibromofluoromethane	7.88	113	112414	51.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.16%	
50) Toluene-d8	10.32	98	431496	51.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.00%	
62) 4-Bromofluorobenzene	12.62	95	152516	50.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	35008	26.999	ug/l	96
3) Chloromethane	2.21	50	37342	23.276	ug/l	94
4) Vinyl Chloride	2.37	62	54477	24.319	ug/l	98
5) Bromomethane	2.78	94	43945	23.376	ug/l	98
6) Chloroethane	2.93	64	35606	22.749	ug/l	96
7) Trichlorofluoromethane	3.26	101	44138	22.313	ug/l	92
8) Diethyl Ether	3.68	74	22310	20.632	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.06	101	50336	23.829	ug/l	99
10) Methyl Iodide	4.26	142	77779	20.308	ug/l	98
11) Tert butyl alcohol	5.17	59	14919	128.787	ug/l #	90
12) 1,1-Dichloroethene	4.03	96	45896	22.496	ug/l	91
13) Acrolein	3.89	56	13823	94.874	ug/l	96
14) Allyl chloride	4.66	41	57615	21.634	ug/l	99
15) Acrylonitrile	5.37	53	43028	110.976	ug/l	99
16) Acetone	4.12	43	56898	163.913	ug/l	95
17) Carbon Disulfide	4.37	76	131444	22.640	ug/l	99
18) Methyl Acetate	4.67	43	21141	21.180	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	59311	19.530	ug/l	100
20) Methylene Chloride	4.91	84	48405	17.653	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	50761	21.988	ug/l	99
22) Diisopropyl ether	6.31	45	117121	21.095	ug/l	97
23) Vinyl Acetate	6.26	43	333084	108.186	ug/l	100
24) 1,1-Dichloroethane	6.21	63	81930	21.774	ug/l	99
25) 2-Butanone	7.17	43	64704	130.628	ug/l	99
26) 2,2-Dichloropropane	7.17	77	52370	23.105	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	55173	21.362	ug/l	99
28) Bromochloromethane	7.51	49	30681	20.534	ug/l	96
29) Tetrahydrofuran	7.53	42	34671	111.285	ug/l	98
30) Chloroform	7.68	83	88038	21.340	ug/l	94
31) Cyclohexane	7.95	56	75462	22.035	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	76435	21.896	ug/l	99
36) 1,1-Dichloropropene	8.08	75	71766	23.270	ug/l	99
37) Ethyl Acetate	7.26	43	24194	22.638	ug/l	99
38) Carbon Tetrachloride	8.07	117	75000	23.273	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	91862	23.472	ug/l	99
40) Benzene	8.32	78	198000	22.603	ug/l	97
41) Methacrylonitrile	7.49	41	13306	20.304	ug/l	95
42) 1,2-Dichloroethane	8.40	62	54912	21.858	ug/l	100
43) Isopropyl Acetate	8.43	43	45554	21.360	ug/l	100
44) Trichloroethene	9.09	130	60594	22.416	ug/l	97
45) 1,2-Dichloropropane	9.37	63	45244	22.194	ug/l	99
46) Dibromomethane	9.46	93	26337	21.978	ug/l	98
47) Bromodichloromethane	9.65	83	61573	22.129	ug/l	98
48) Methyl methacrylate	9.44	41	22380	21.781	ug/l	99
49) 1,4-Dioxane	9.45	88	8153	464.889	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	123895	113.115	ug/l	99
52) Toluene	10.39	92	131596	22.398	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	59200	22.107	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	69365	21.920	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	36801	21.644	ug/l	95
56) Ethyl methacrylate	10.65	69	40983	21.207	ug/l	95
57) 1,3-Dichloropropane	10.93	76	59838	21.673	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	93053	99.054	ug/l	100
59) 2-Hexanone	10.97	43	94351	126.830	ug/l	98
60) Dibromochloromethane	11.13	129	43676	21.681	ug/l	99
61) 1,2-Dibromoethane	11.24	107	36628	21.693	ug/l	100
64) Tetrachloroethene	10.87	164	54586	21.086	ug/l	97
65) Chlorobenzene	11.66	112	150551	22.030	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	51429	21.412	ug/l	98
67) Ethyl Benzene	11.73	91	253085	22.157	ug/l	99
68) m/p-Xylenes	11.84	106	203926	44.687	ug/l	100
69) o-Xylene	12.17	106	93522	21.526	ug/l	96
70) Styrene	12.18	104	155241	21.917	ug/l	100
71) Bromoform	12.35	173	27440	21.551	ug/l #	98
73) Isopropylbenzene	12.47	105	266183	21.938	ug/l	100
74) N-amyl acetate	12.27	43	44668	21.304	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	41911	21.870	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	31772m	22.108	ug/l	
77) Bromobenzene	12.75	156	67497	21.485	ug/l	99
78) n-propylbenzene	12.81	91	315157	22.582	ug/l	100
79) 2-Chlorotoluene	12.90	91	175701	21.936	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	225627	22.134	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	10912	21.278	ug/l	95
82) 4-Chlorotoluene	12.99	91	187362	22.111	ug/l	100
83) tert-Butylbenzene	13.21	119	199474	21.943	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	230891	22.083	ug/l	100
85) sec-Butylbenzene	13.39	105	288360	22.649	ug/l	100
86) p-Isopropyltoluene	13.51	119	260486	22.485	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	139018	22.470	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	135323	22.066	ug/l	98
89) n-Butylbenzene	13.83	91	239532	23.292	ug/l	100
90) Hexachloroethane	14.10	117	42085	22.103	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	120923	21.728	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6277	20.186	ug/l	99

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ClientSampleId :
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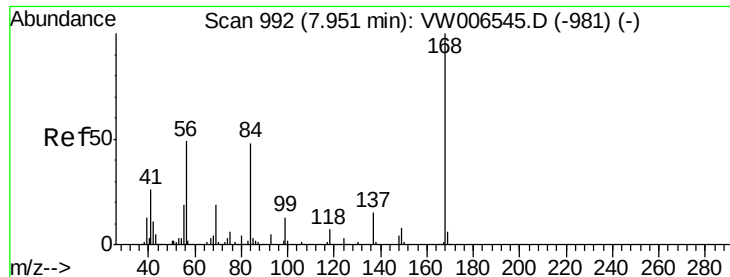
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	90113	21.776	ug/l	99
94) Hexachlorobutadiene	15.24	225	58695	22.758	ug/l	99
95) Naphthalene	15.38	128	139433	20.965	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	79414	21.836	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006603.D

Acq: 02 Nov 2018 16:06

Instrument :

MSVOA_W

ClientSampleId :

VW1104SBS01

Tot Ion:168 Resp: 250123

Ion Ratio Lower Upper

168 100

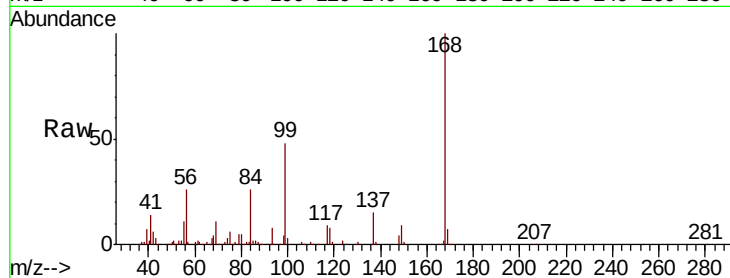
99 47.9 37.4 56.0

Manual Integrations

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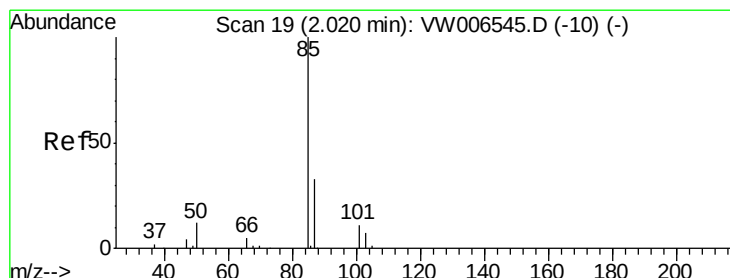
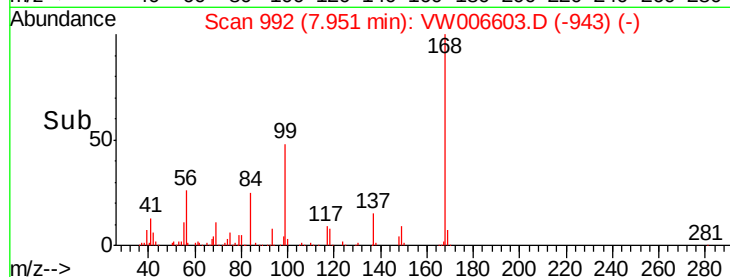
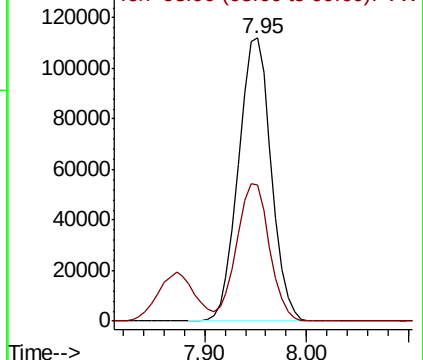
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Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 26.999 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.01 min

Lab File: VW006603.D

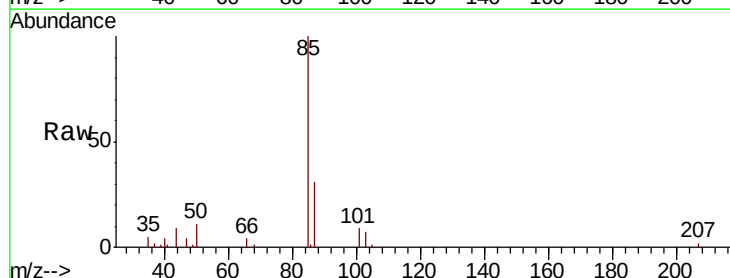
Acq: 02 Nov 2018 16:06

Tgt Ion: 85 Resp: 35008

Ion Ratio Lower Upper

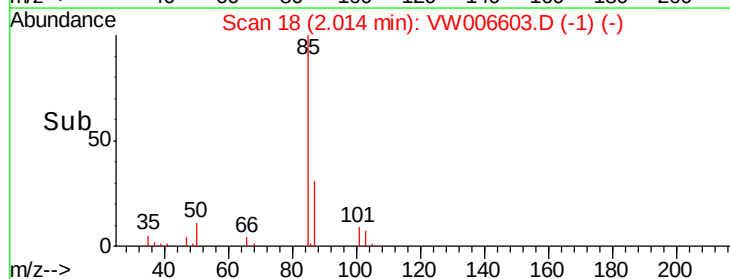
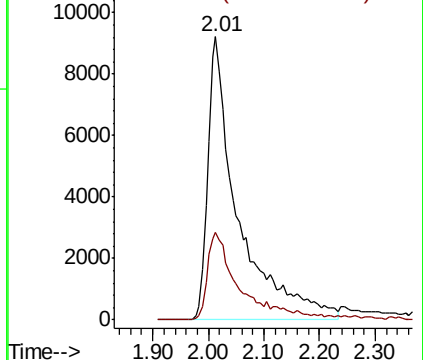
85 100

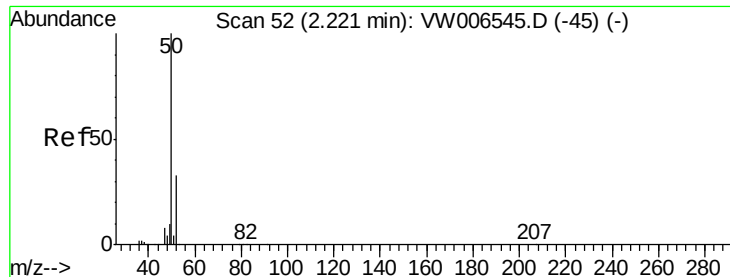
87 31.1 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 23.276 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW006603.D

Acq: 02 Nov 2018 16:06

Instrument :

MSVOA_W

ClientSampleId :

VW1104SBS01

Tot Ion: 50 Resp: 37342

Ion Ratio Lower Upper

50 100

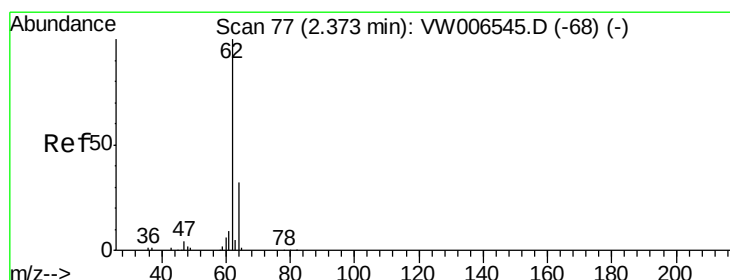
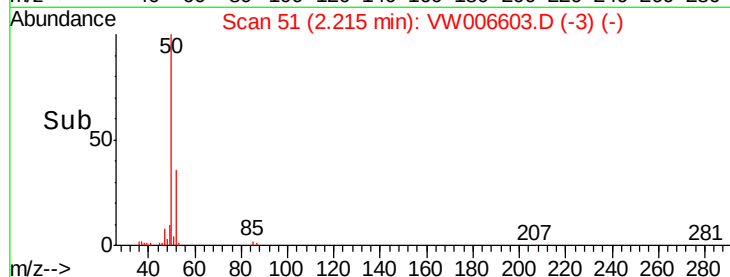
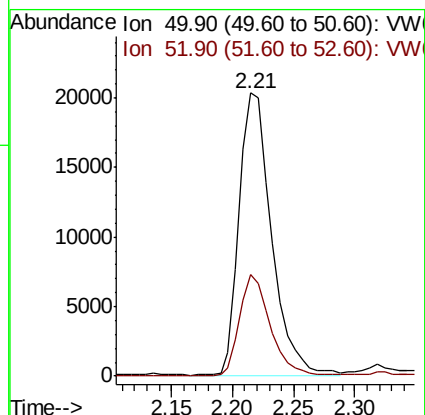
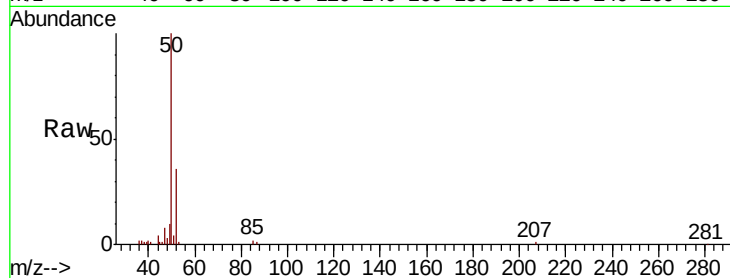
52 36.2 26.2 39.4

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#4

Vinyl Chloride

Concen: 24.319 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.01 min

Lab File: VW006603.D

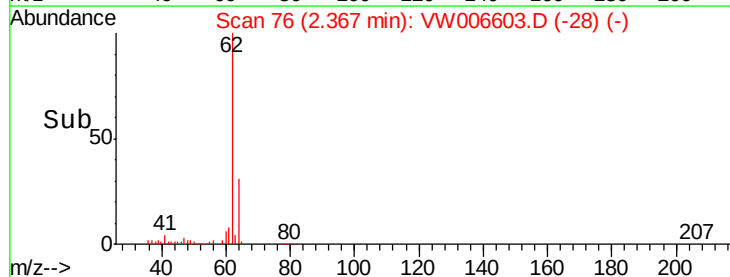
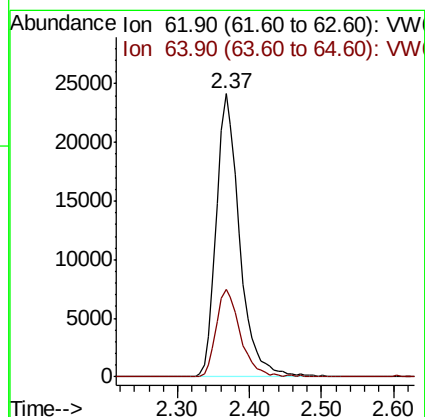
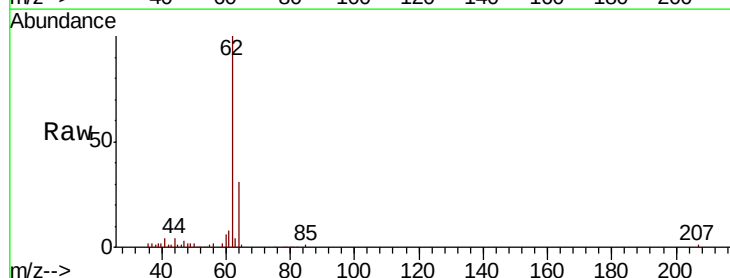
Acq: 02 Nov 2018 16:06

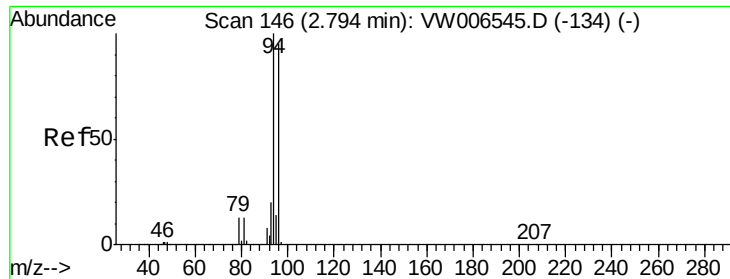
Tgt Ion: 62 Resp: 54477

Ion Ratio Lower Upper

62 100

64 30.8 25.4 38.0





#5

Bromomethane

Concen: 23.376 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW006603.D

Acq: 02 Nov 2018 16:06

Instrument :

MSVOA_W

ClientSampled :

VW1104SBS01

Tot Ion: 94 Resp: 43945

Ion Ratio Lower Upper

94 100

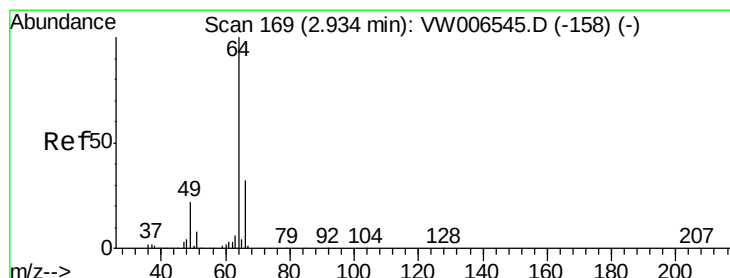
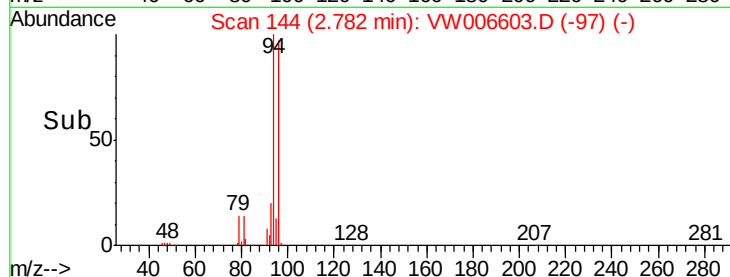
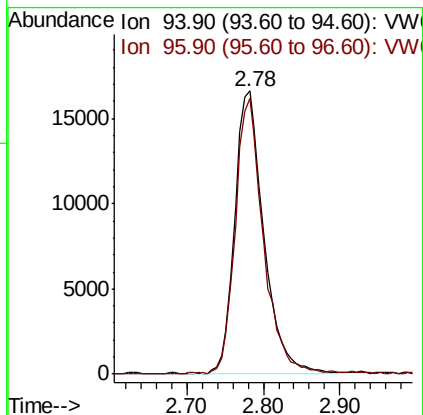
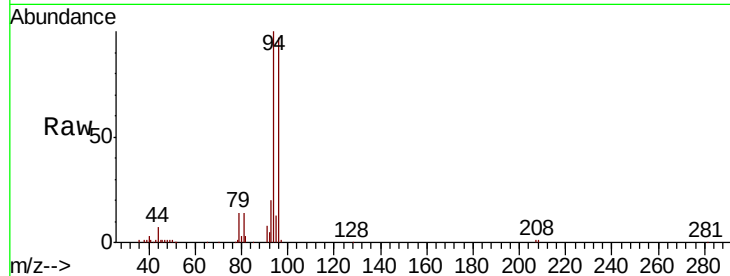
96 96.8 75.7 113.5

Manual Integrations

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#6

Chloroethane

Concen: 22.749 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW006603.D

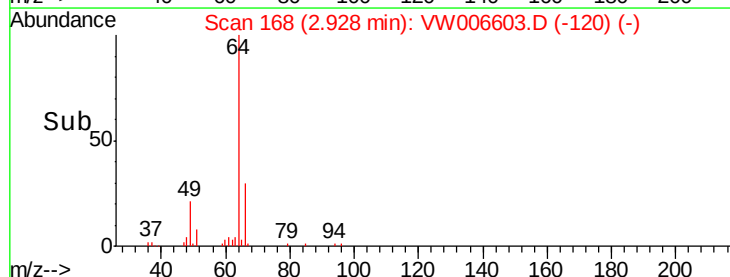
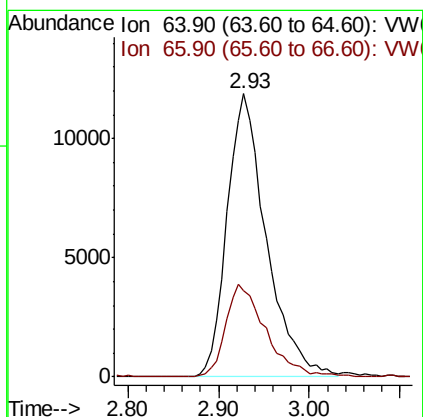
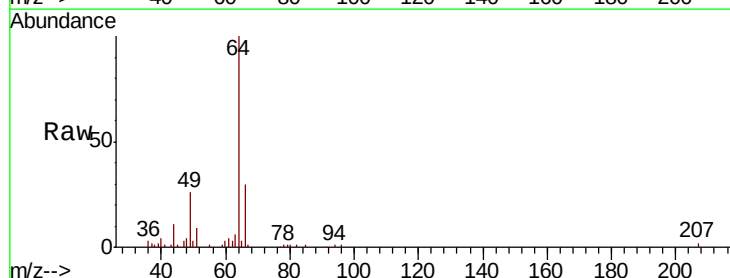
Acq: 02 Nov 2018 16:06

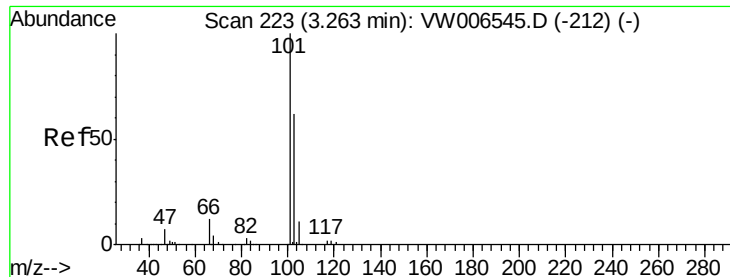
Tgt Ion: 64 Resp: 35606

Ion Ratio Lower Upper

64 100

66 30.3 25.9 38.9





#7

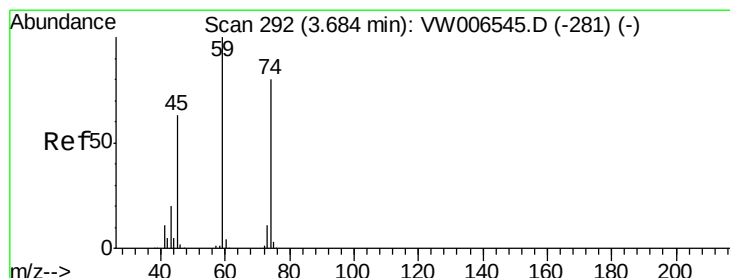
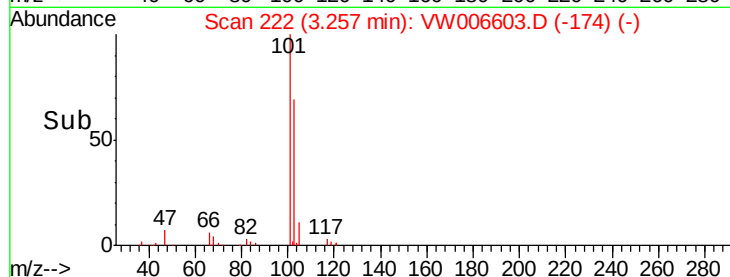
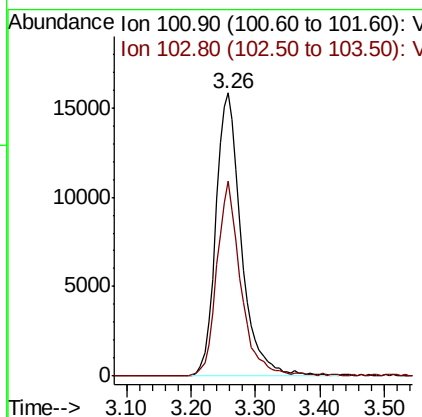
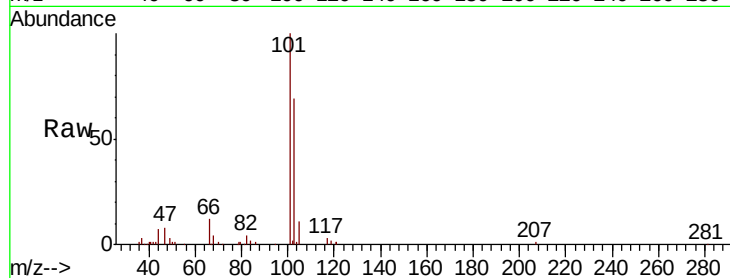
Trichlorofluoromethane
 Concen: 22.313 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW006603.D
 Acq: 02 Nov 2018 16:06

Instrument :
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 ClientSampleId :
 VW1104SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	68.9	49.8	74.8

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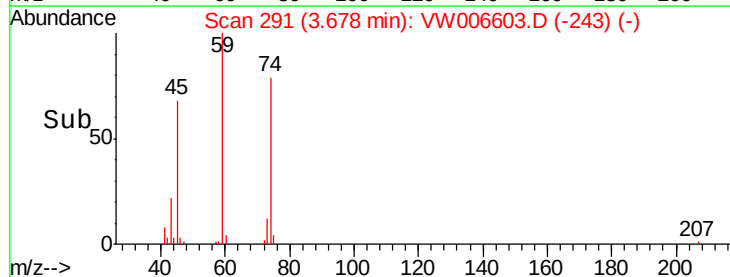
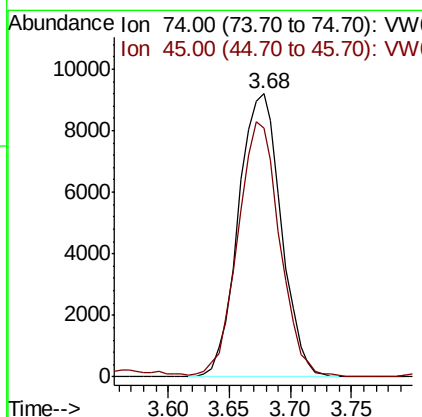
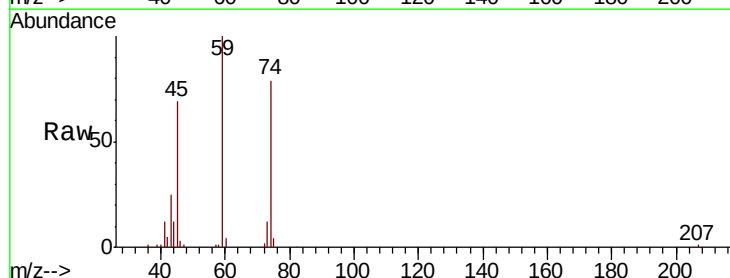
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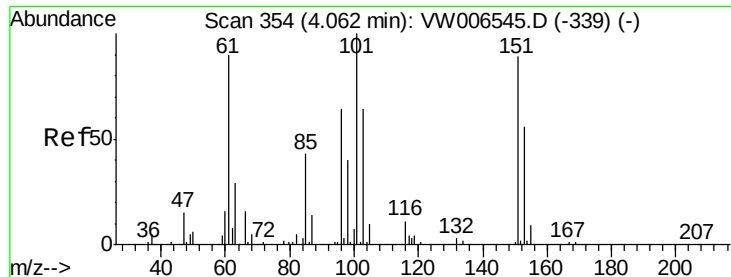


#8

Diethyl Ether
 Concen: 20.632 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW006603.D
 Acq: 02 Nov 2018 16:06

Tgt Ion	Ratio	Lower	Upper
74	100		
45	88.7	41.1	123.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 23.829 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW006603.D

Acq: 02 Nov 2018 16:06

Instrument :

MSVOA_W

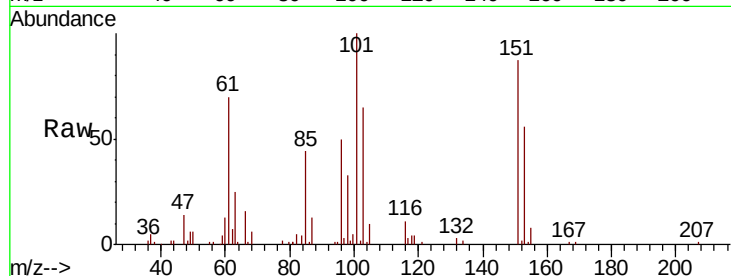
ClientSampleId :

VW1104SBS01

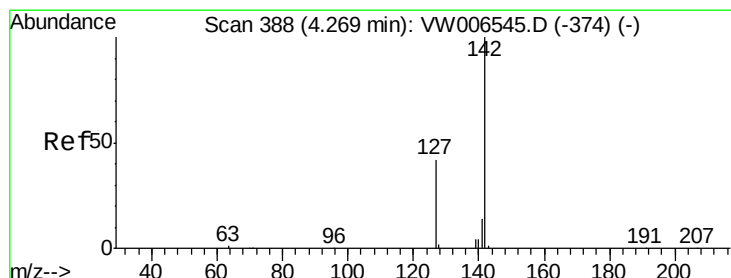
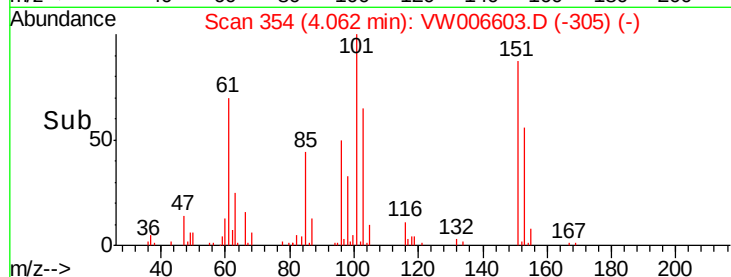
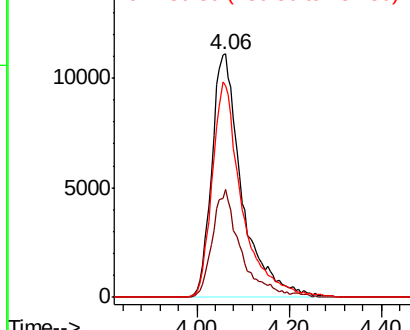
Tot Ion:	101	Resp:	50336
Ion Ratio	Lower	Upper	
101	100		
85	41.5	34.2	51.2
151	87.4	70.7	106.1

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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: 20.308 ug/l

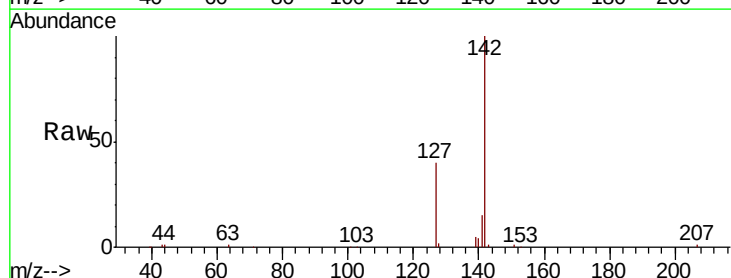
RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

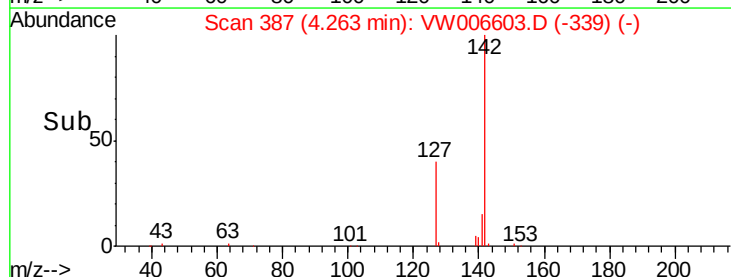
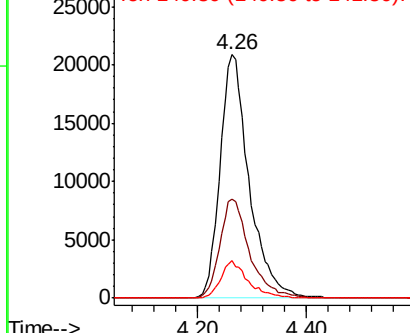
Lab File: VW006603.D

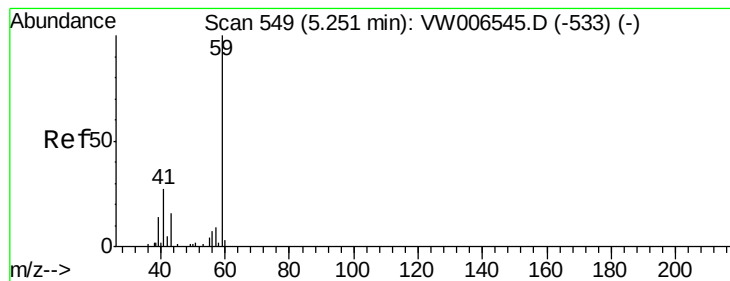
Acq: 02 Nov 2018 16:06

Tgt Ion:	142	Resp:	77779
Ion Ratio	Lower	Upper	
142	100		
127	41.6	32.3	48.5
141	14.2	11.3	16.9



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

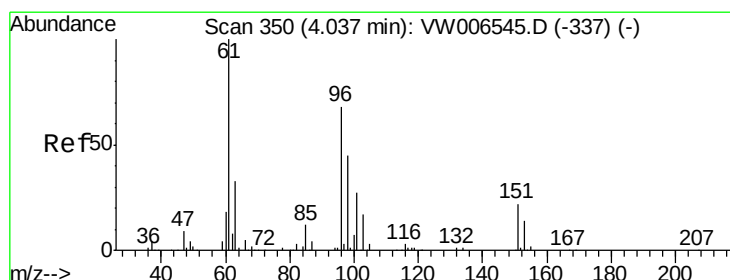
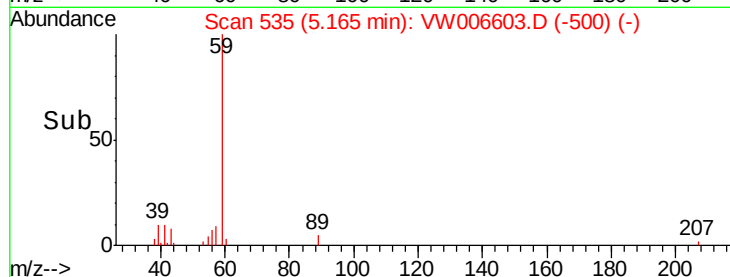
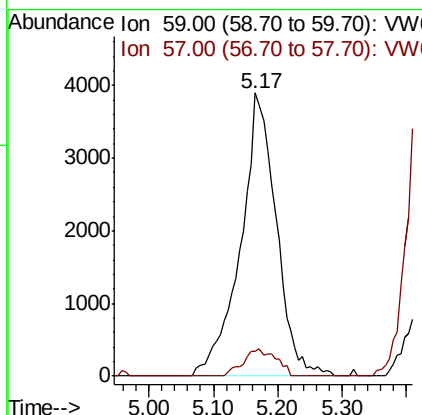
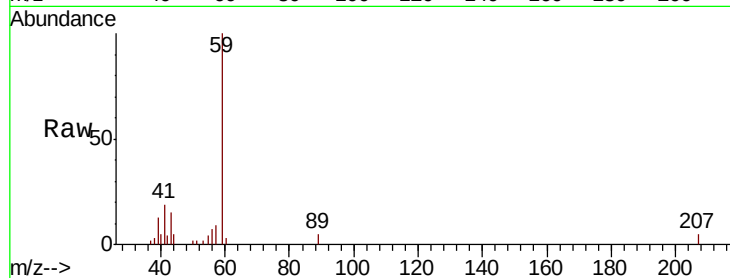
Tert butyl alcohol
Concen: 128.787 ug/l
RT: 5.17 min Scan# 535
Delta R.T. -0.09 min
Lab File: VW006603.D
Acq: 02 Nov 2018 16:06

Instrument :
MSVOA_W
ClientSampleId :
VW1104SBS01

Tot Ion	59	57	Ratio	100	8.9	Resp:	14919	Lower	4.3	Upper	6.5#

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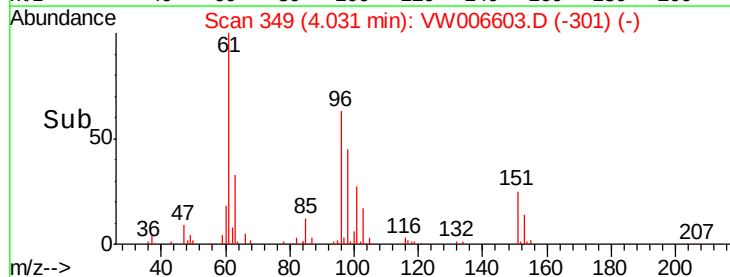
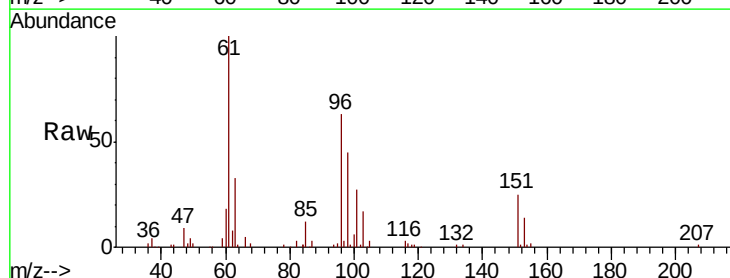
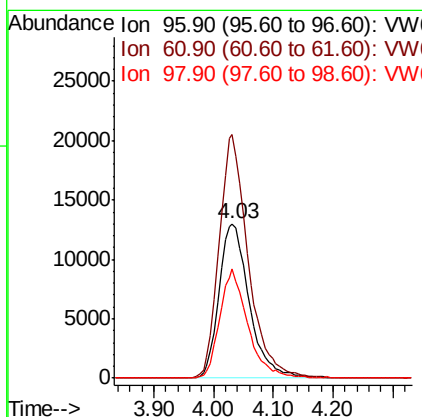
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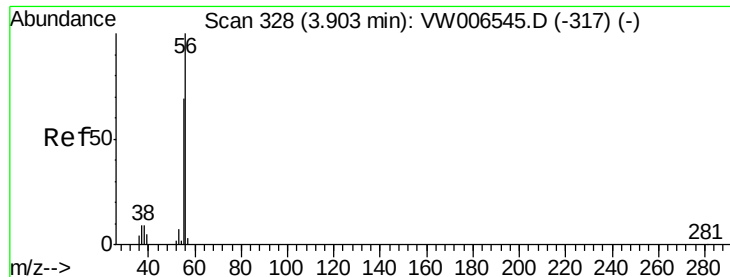


#12

1,1-Dichloroethene
Concen: 22.496 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW006603.D
Acq: 02 Nov 2018 16:06

Tgt Ion	96	61	98	Ratio	100	157.8	71.2	Resp:	45896	Lower	117.0	52.5	Upper	175.4	78.7





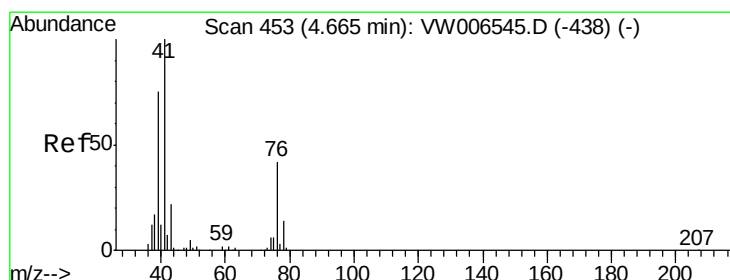
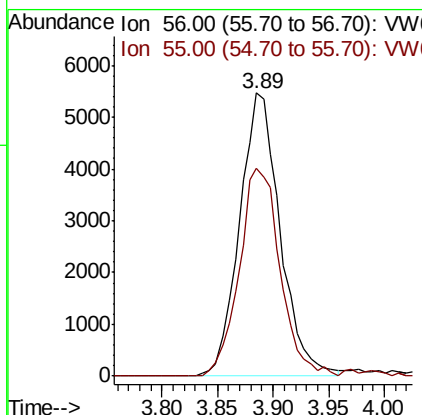
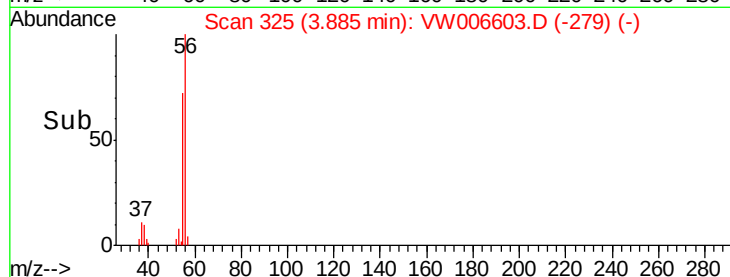
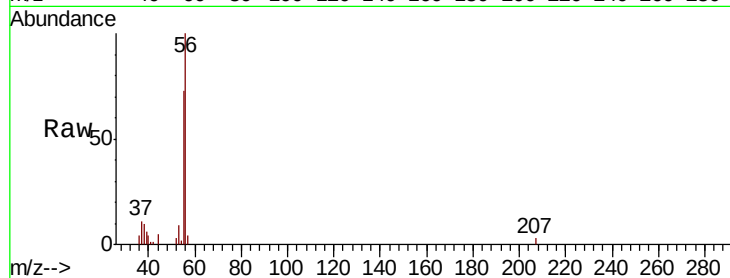
#13
Acrolein
Concen: 94.874 ug/l
RT: 3.89 min Scan# 325
Delta R.T. -0.02 min
Lab File: VW006603.D
Acq: 02 Nov 2018 16:06

Instrument :
MSVOA_W
ClientSampleId :
VW1104SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
55	74.1	56.9	85.3

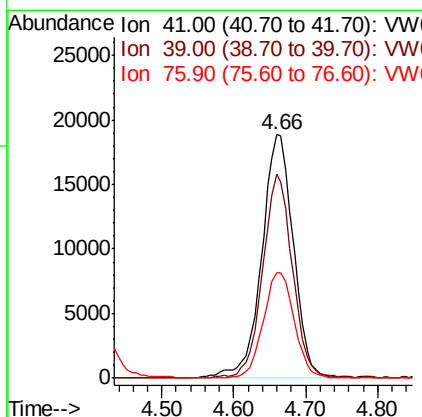
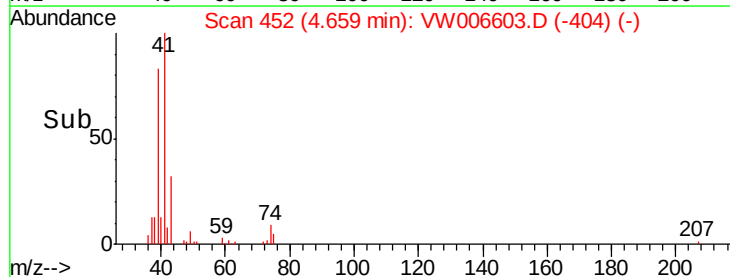
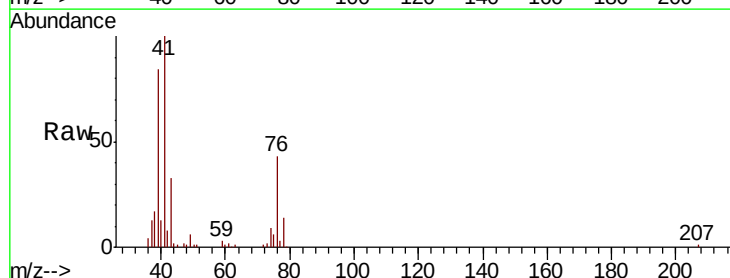
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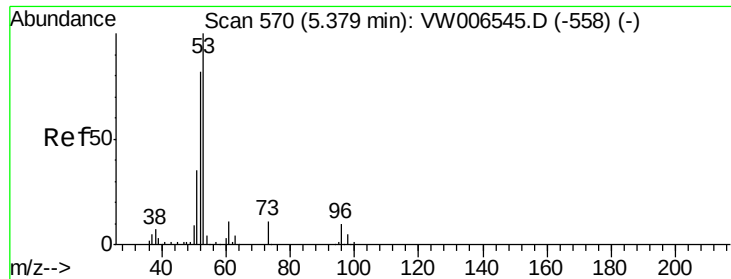
apatel
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#14
Allyl chloride
Concen: 21.634 ug/l
RT: 4.66 min Scan# 452
Delta R.T. -0.01 min
Lab File: VW006603.D
Acq: 02 Nov 2018 16:06

Tgt Ion	Ratio	Lower	Upper
41	100		
39	78.9	62.1	93.1
76	42.1	34.2	51.2





#15

Acrylonitrile

Concen: 110.976 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.01 min

Lab File: VW006603.D

Acq: 02 Nov 2018 16:06

Instrument :

MSVOA_W

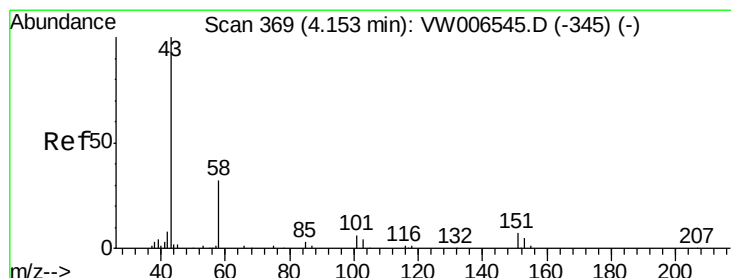
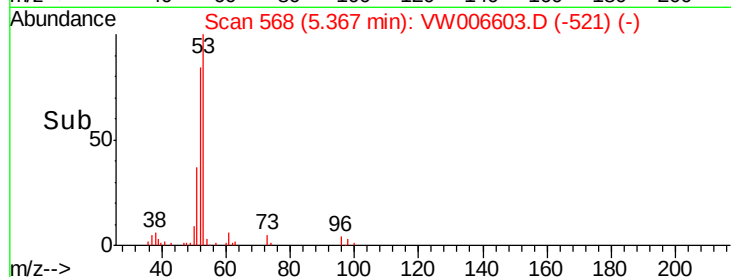
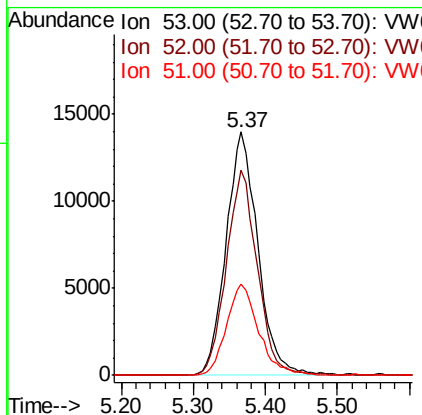
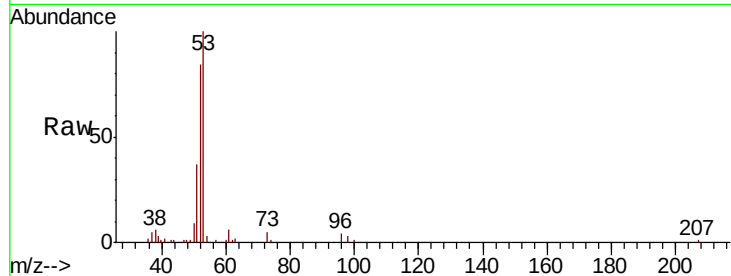
ClientSampleId :

VW1104SBS01

Tot Ion:	53	Resp:	43028
Ion	Ratio	Lower	Upper
53	100		
52	81.8	65.8	98.8
51	37.7	29.6	44.4

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#16

Acetone

Concen: 163.913 ug/l

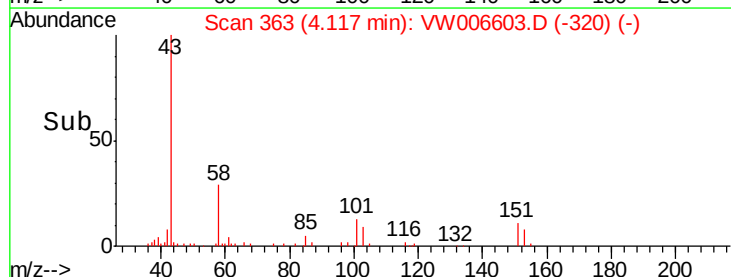
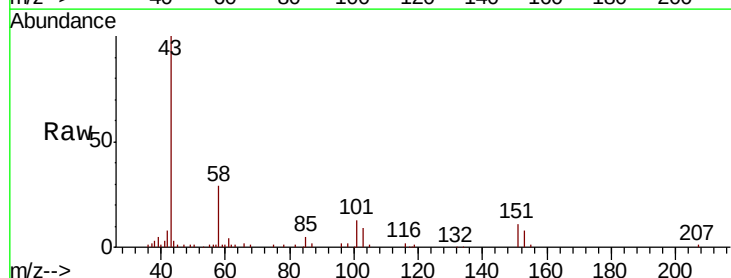
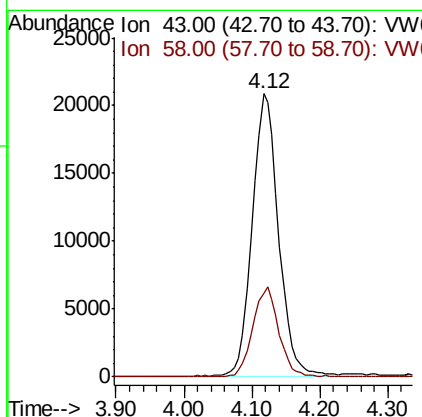
RT: 4.12 min Scan# 363

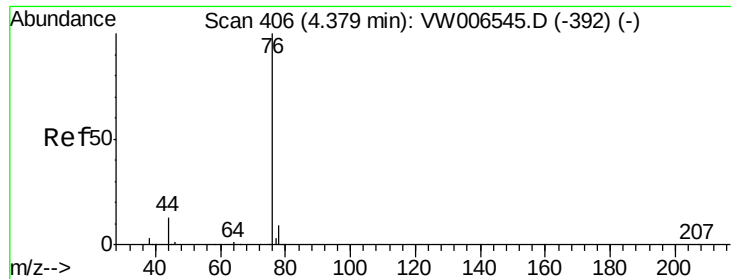
Delta R.T. -0.04 min

Lab File: VW006603.D

Acq: 02 Nov 2018 16:06

Tgt Ion:	43	Resp:	56898
Ion	Ratio	Lower	Upper
43	100		
58	29.4	25.8	38.8





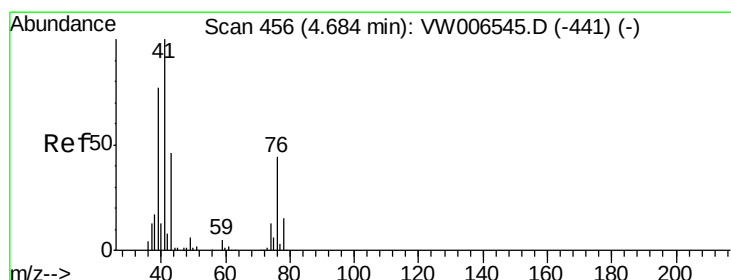
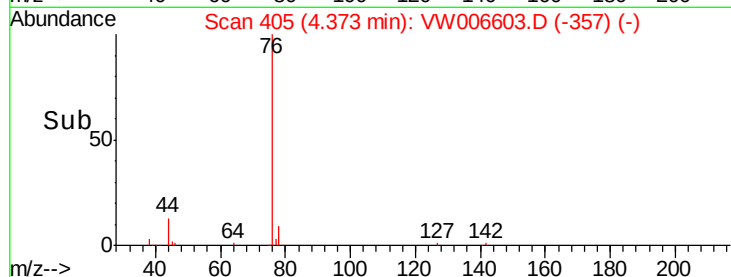
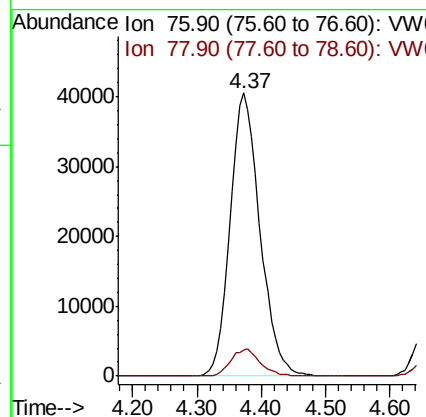
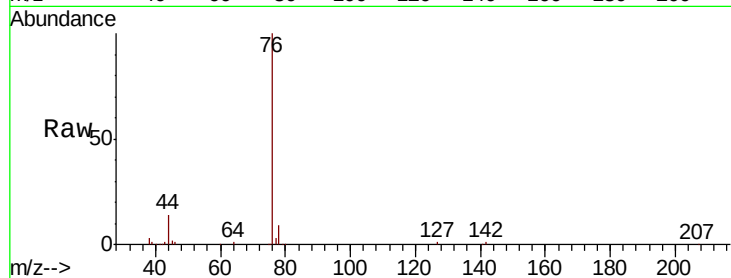
#17
Carbon Disulfide
Concen: 22.640 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW006603.D
Acq: 02 Nov 2018 16:06

Instrument :
MSVOA_W
ClientSampleId :
VW1104SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.3	10.9

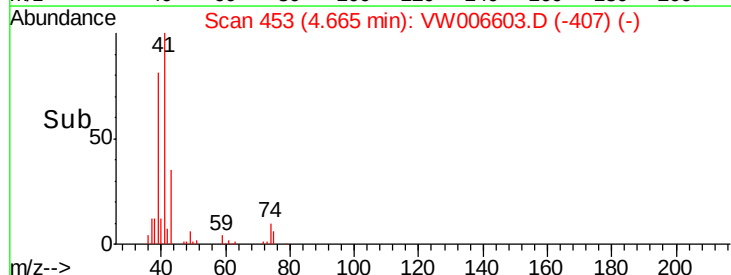
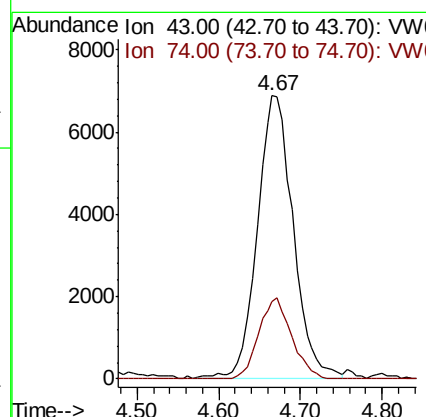
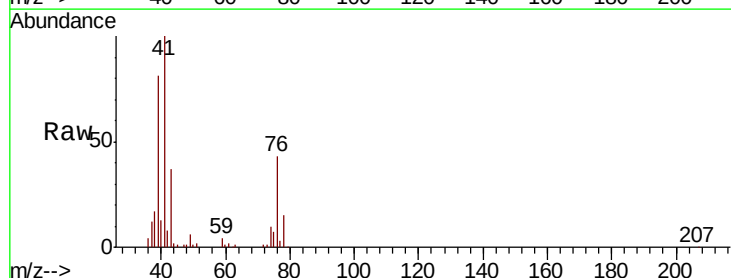
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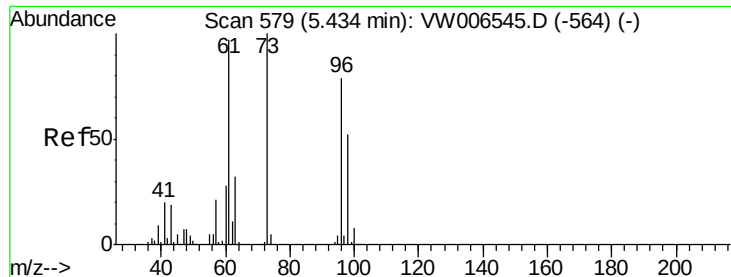
apatel
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#18
Methyl Acetate
Concen: 21.180 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.02 min
Lab File: VW006603.D
Acq: 02 Nov 2018 16:06

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.1	21.9	32.9





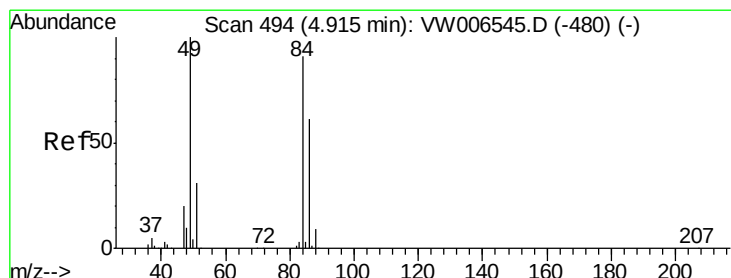
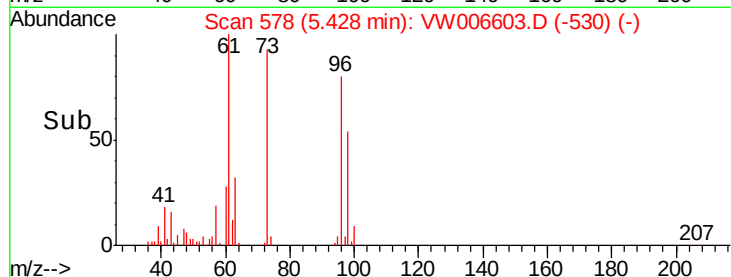
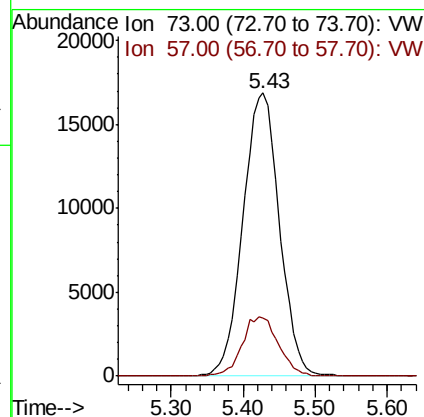
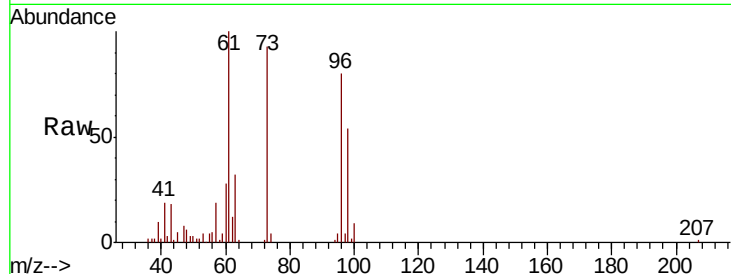
#19
Methyl tert-butyl Ether
Concen: 19.530 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW006603.D
Acq: 02 Nov 2018 16:06

Instrument :
MSVOA_W
ClientSampleId :
VW1104SBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.7	16.7	25.1

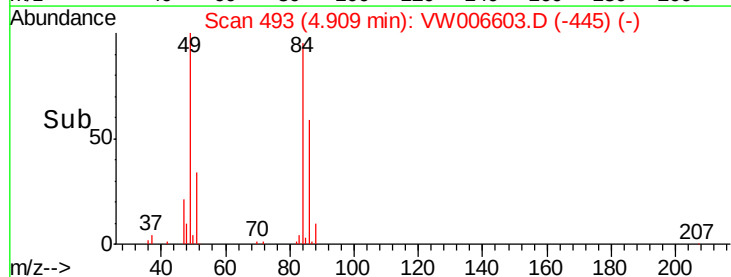
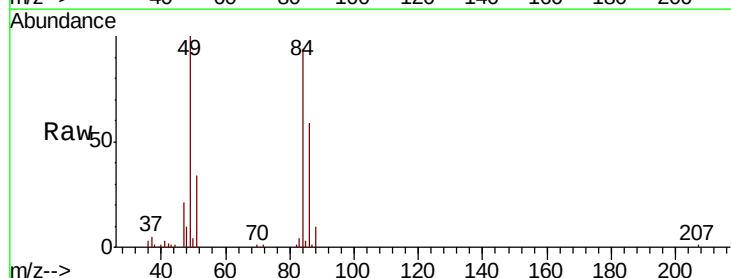
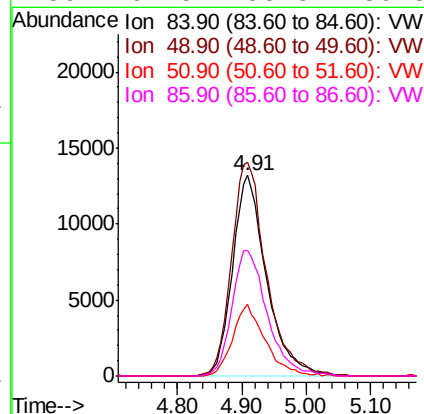
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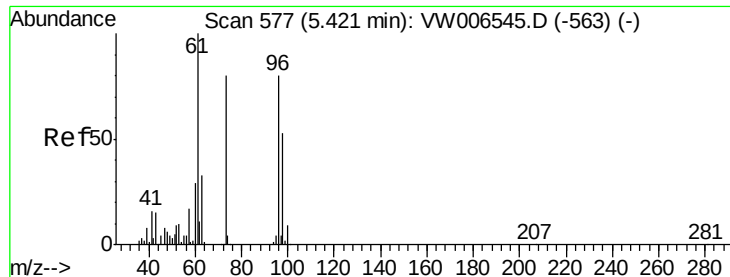
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#20
Methylene Chloride
Concen: 17.653 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW006603.D
Acq: 02 Nov 2018 16:06

Tgt Ion	Ratio	Lower	Upper
84	100		
49	106.3	88.2	132.4
51	35.9	27.0	40.6
86	62.5	53.8	80.8





#21

trans-1,2-Dichloroethene

Concen: 21.988 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW006603.D

Acq: 02 Nov 2018 16:06

Instrument :

MSVOA_W

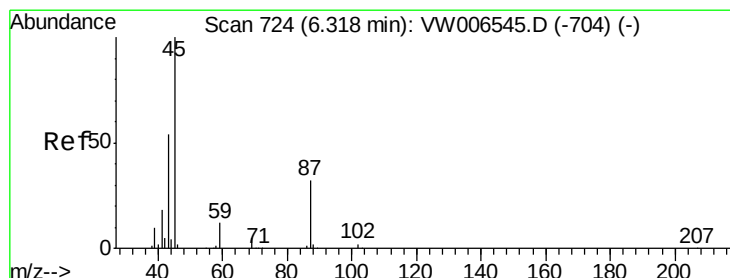
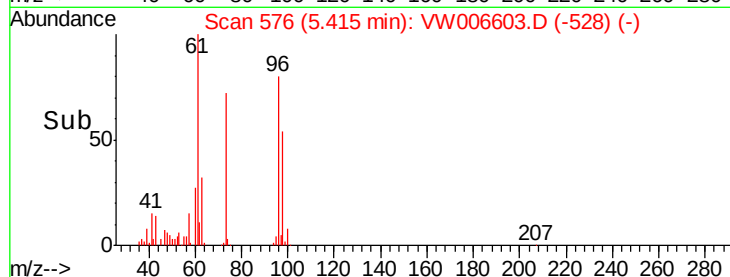
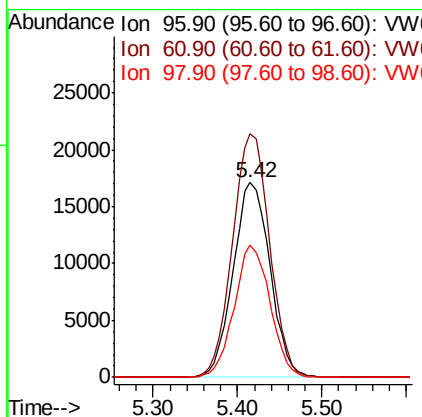
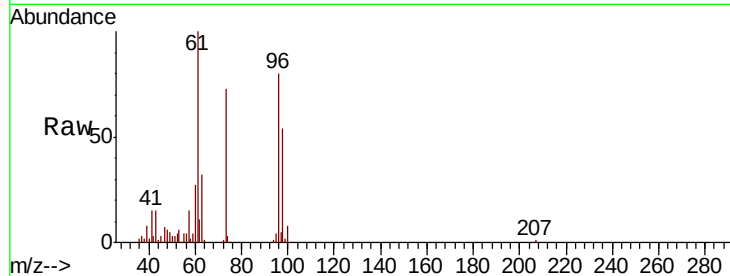
ClientSampled :

VW1104SBS01

Tot Ion:	96	Resp:	50761
Ion	Ratio	Lower	Upper
96	100		
61	125.1	100.6	150.8
98	67.7	52.9	79.3

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#22

Diisopropyl ether

Concen: 21.095 ug/l

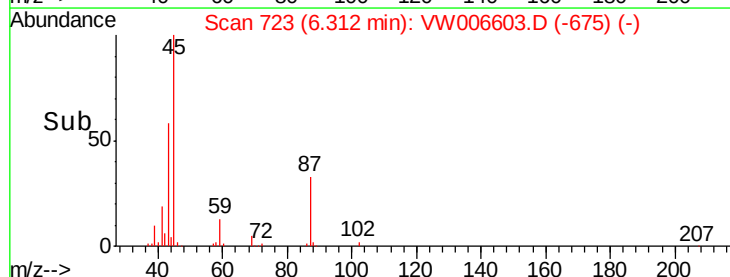
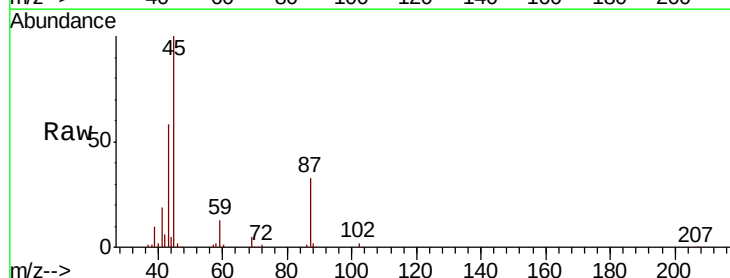
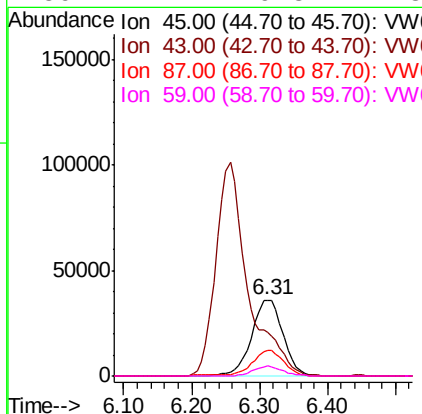
RT: 6.31 min Scan# 723

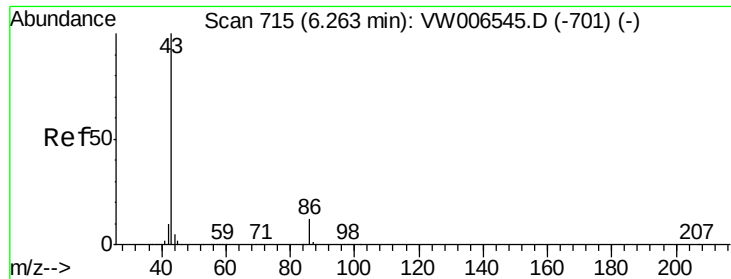
Delta R.T. -0.01 min

Lab File: VW006603.D

Acq: 02 Nov 2018 16:06

Tgt Ion:	45	Resp:	117121
Ion	Ratio	Lower	Upper
45	100		
43	57.5	43.6	65.4
87	33.2	26.3	39.5
59	12.7	9.8	14.8





#23

Vinyl Acetate

Concen: 108.186 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW006603.D

Acq: 02 Nov 2018 16:06

Instrument :

MSVOA_W

ClientSampleId :

VW1104SBS01

Tot Ion: 43 Resp: 333084

Ion Ratio Lower Upper

43 100

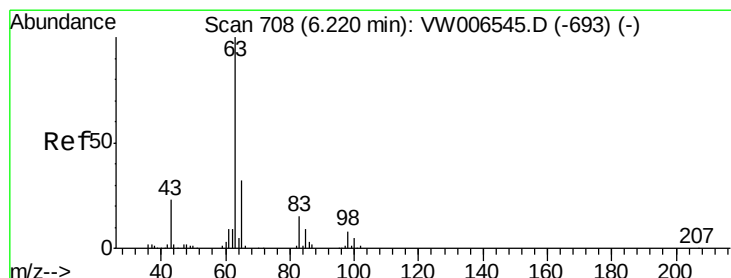
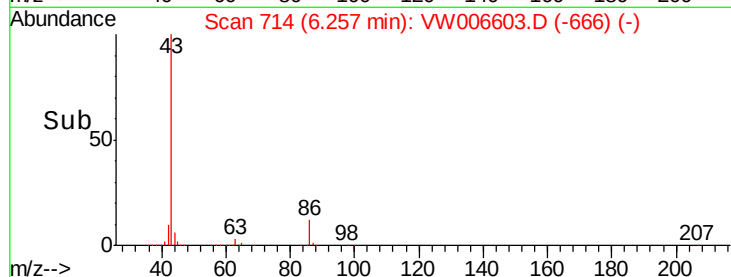
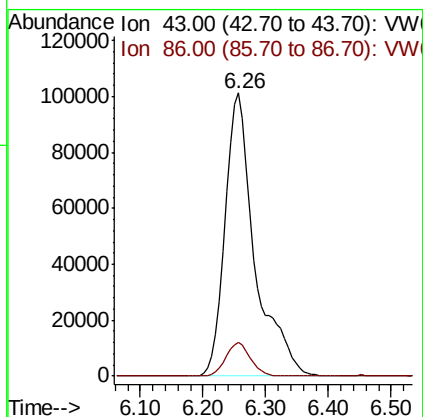
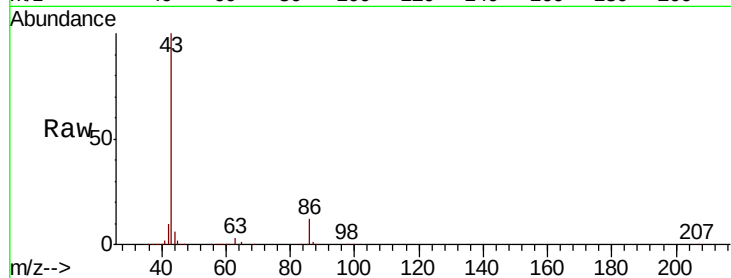
86 12.1 9.8 14.8

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#24

1,1-Dichloroethane

Concen: 21.774 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW006603.D

Acq: 02 Nov 2018 16:06

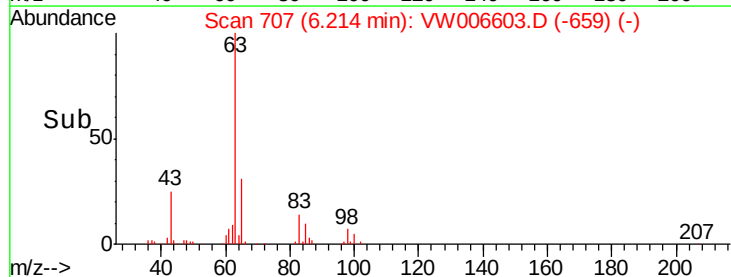
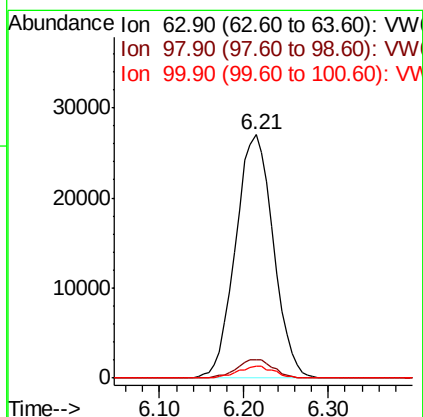
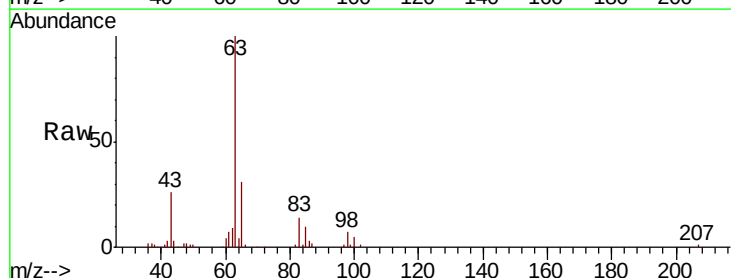
Tgt Ion: 63 Resp: 81930

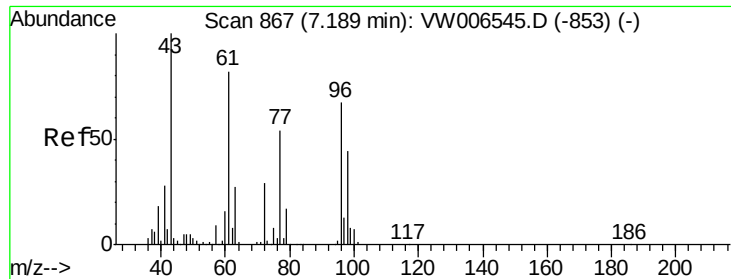
Ion Ratio Lower Upper

63 100

98 7.3 3.8 11.4

100 4.8 2.4 7.2





#25

2-Butanone

Concen: 130.628 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.02 min

Lab File: VW006603.D

Acq: 02 Nov 2018 16:06

Instrument :

MSVOA_W

ClientSampled :

VW1104SBS01

Tot Ion: 43 Resp: 64704

Ion Ratio Lower Upper

43 100

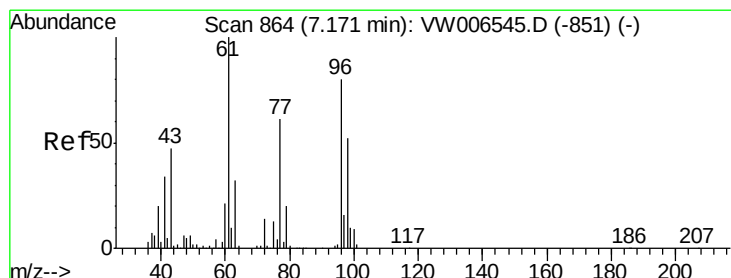
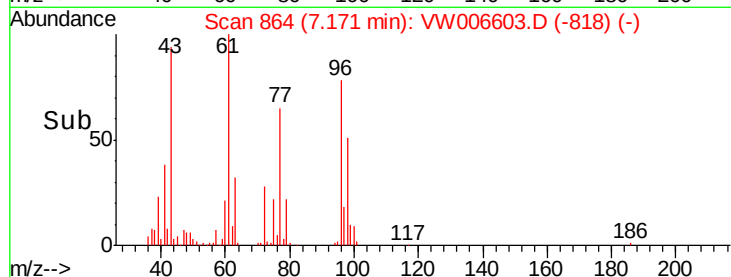
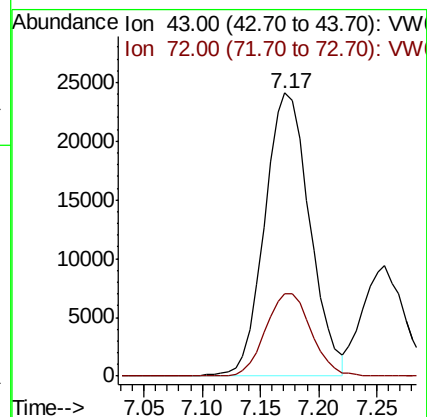
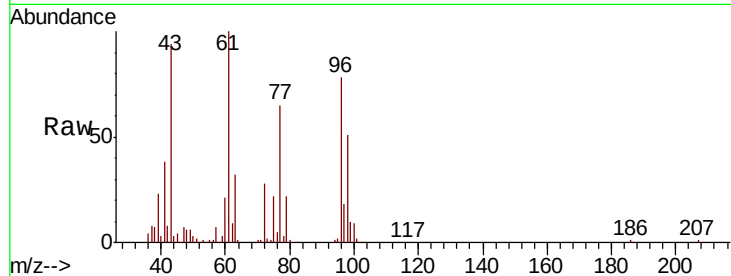
72 29.3 23.2 34.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 23.105 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW006603.D

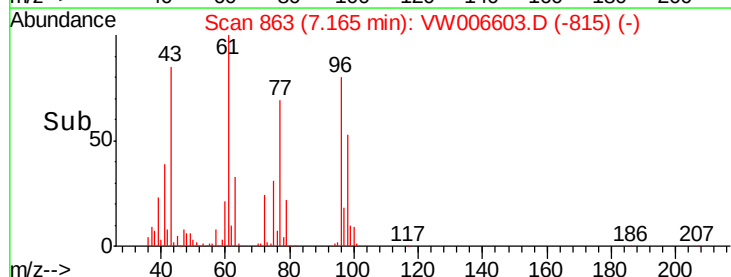
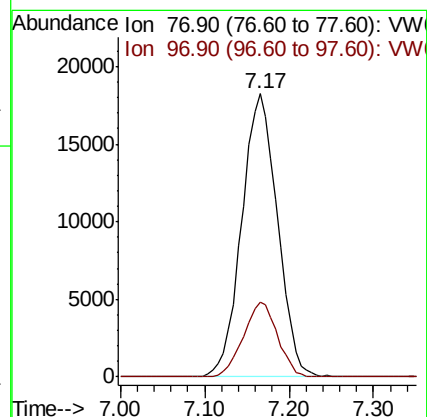
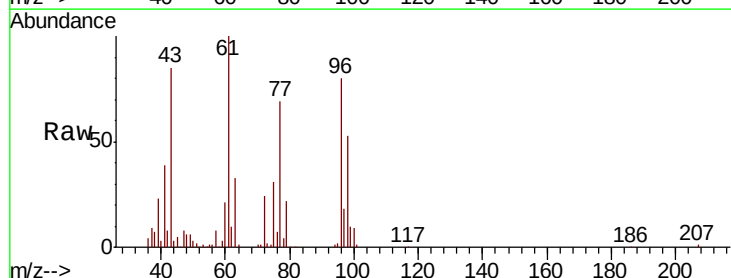
Acq: 02 Nov 2018 16:06

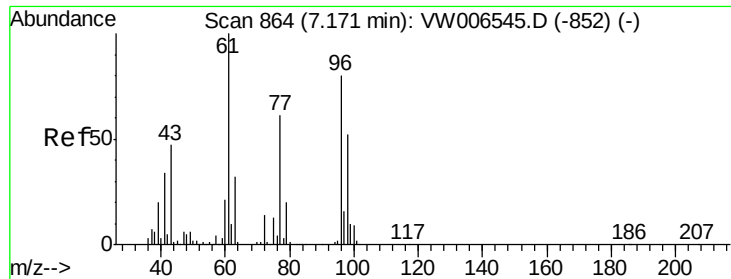
Tgt Ion: 77 Resp: 52370

Ion Ratio Lower Upper

77 100

97 25.3 12.8 38.4





#27

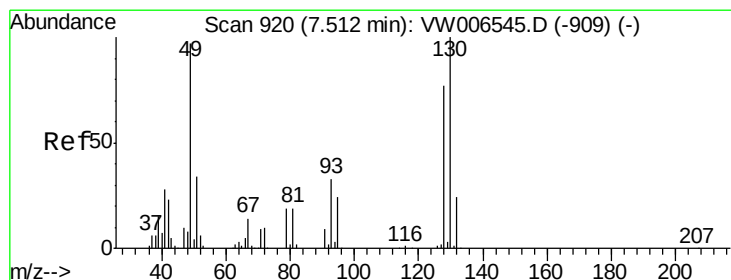
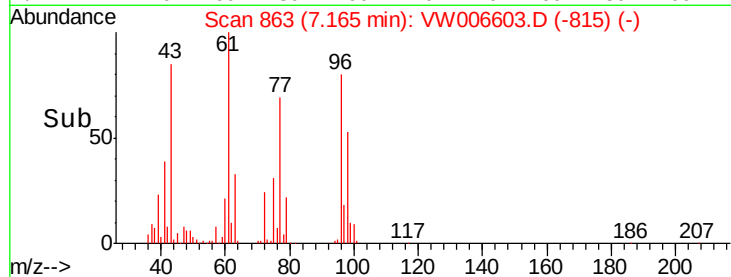
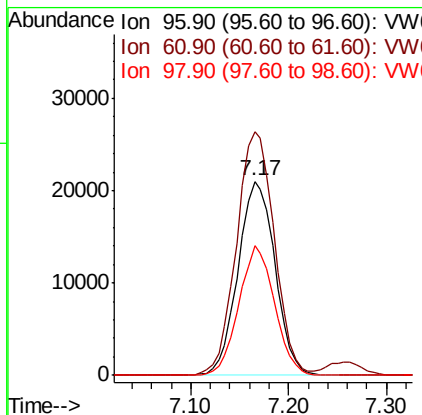
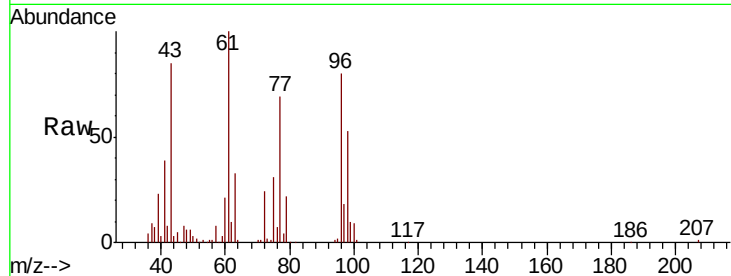
cis-1,2-Dichloroethene
 Concen: 21.362 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VW006603.D
 Acq: 02 Nov 2018 16:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1104SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	128.6	0.0	254.2
98	64.4	0.0	129.6

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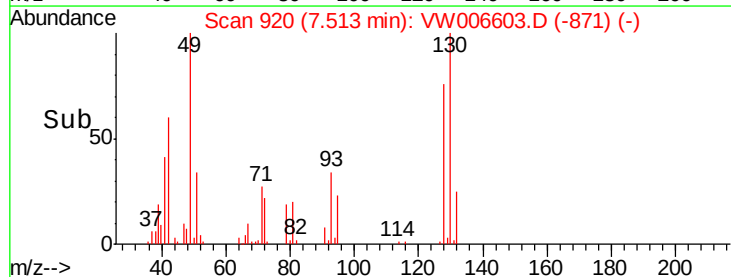
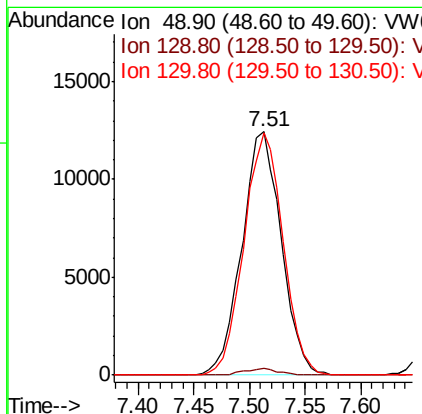
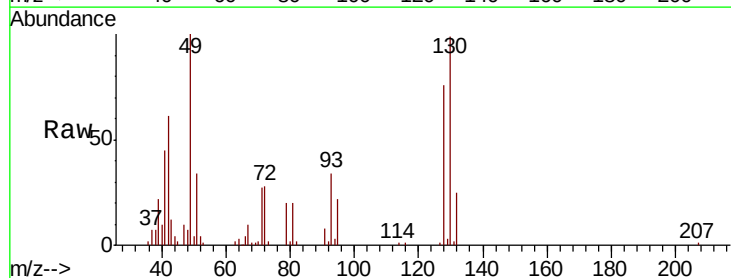
apatel
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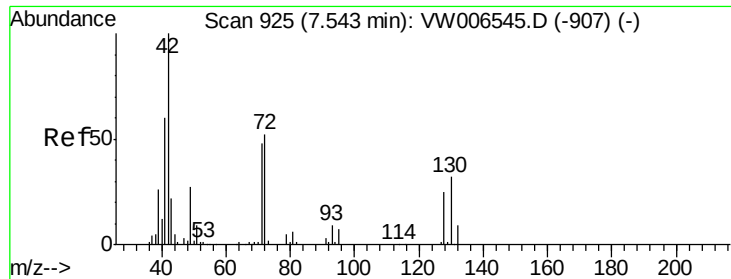


#28

Bromochloromethane
 Concen: 20.534 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: VW006603.D
 Acq: 02 Nov 2018 16:06

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	5.6
130	98.4	82.2	123.2





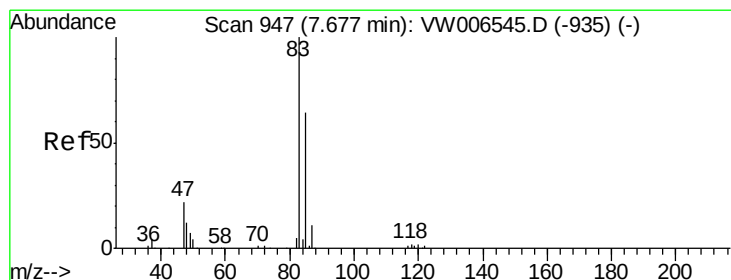
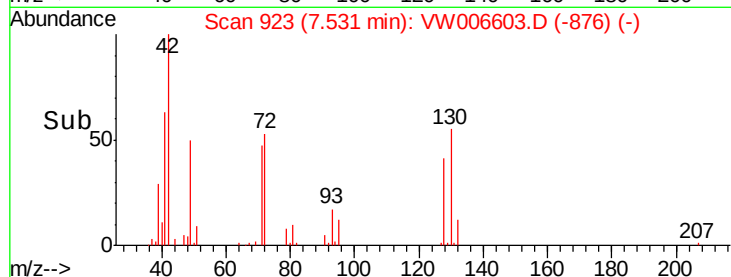
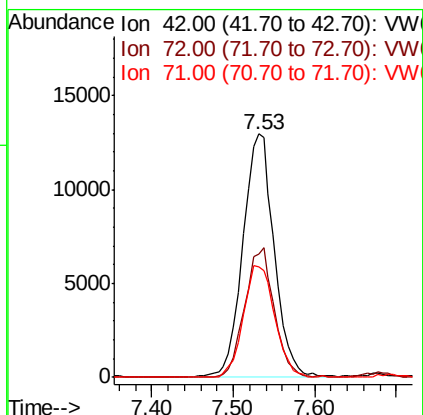
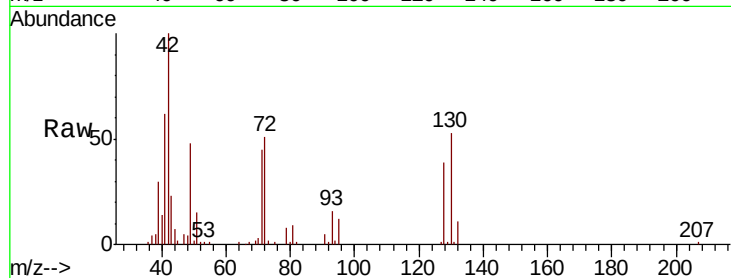
#29
Tetrahydrofuran
Concen: 111.285 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.01 min
Lab File: VW006603.D
Acq: 02 Nov 2018 16:06

Instrument :
MSVOA_W
ClientSampleId :
VW1104SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	50.1	39.2	58.8
71	45.7	37.6	56.4

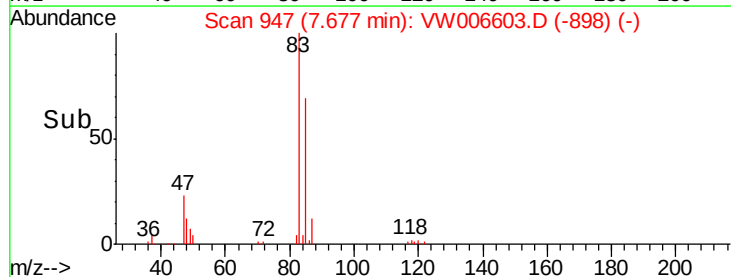
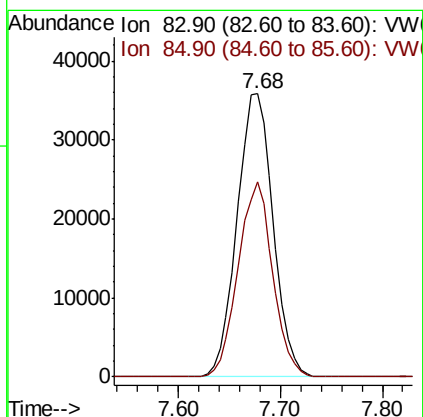
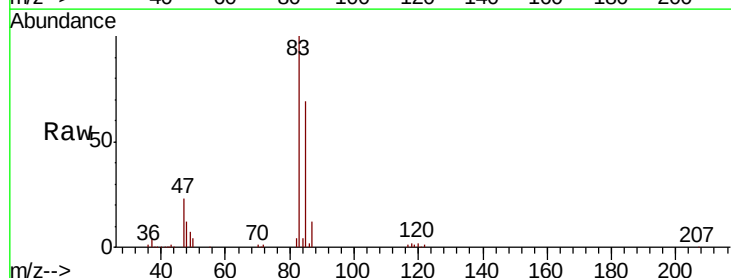
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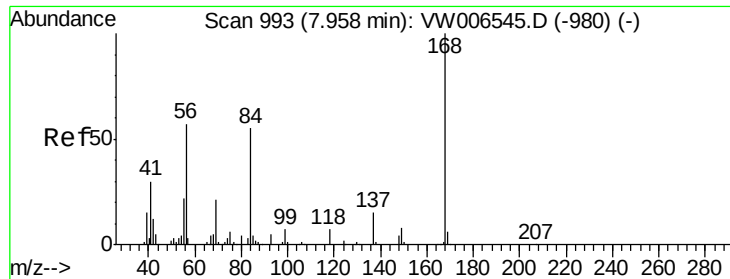
apatel
11/5/2018 10:12:40 AM



#30
Chloroform
Concen: 21.340 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW006603.D
Acq: 02 Nov 2018 16:06

Tgt Ion	Ratio	Lower	Upper
83	100		
85	69.1	51.3	76.9





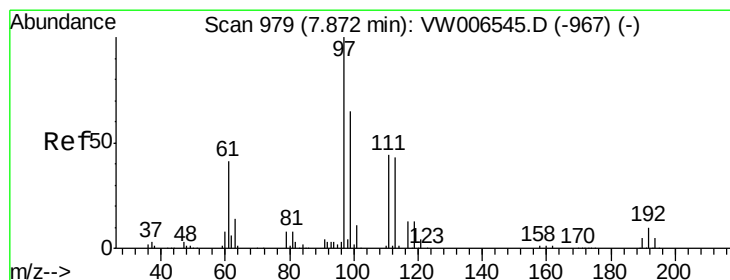
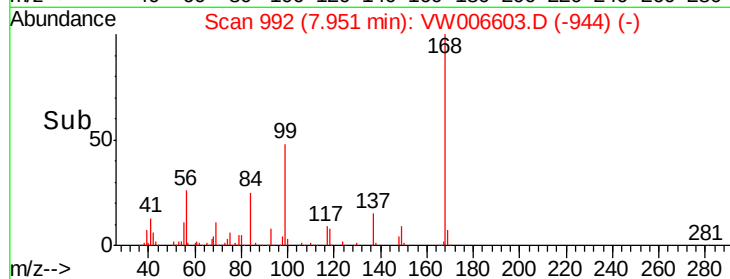
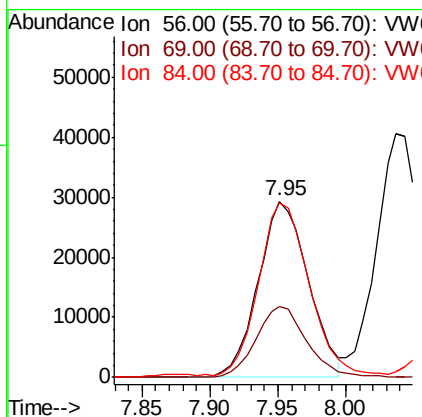
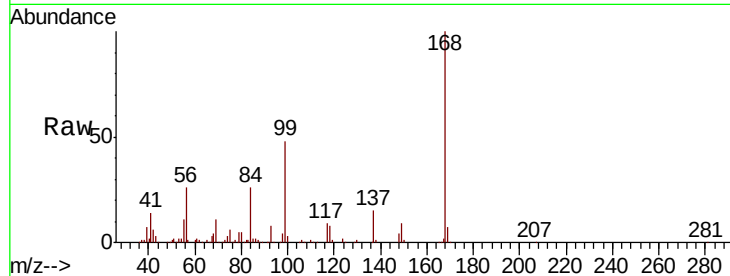
#31
Cyclohexane
Concen: 22.035 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006603.D
Acq: 02 Nov 2018 16:06

Instrument :
MSVOA_W
ClientSampled :
VW1104SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	40.5	29.0	43.4
84	97.4	77.8	116.6

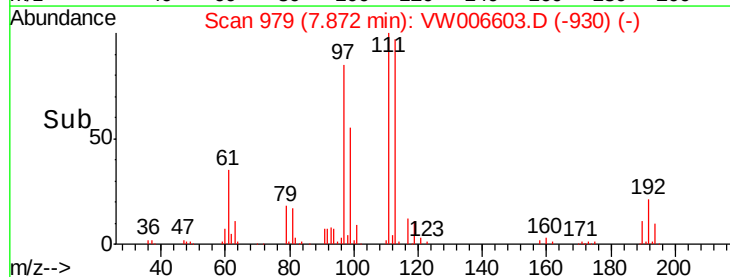
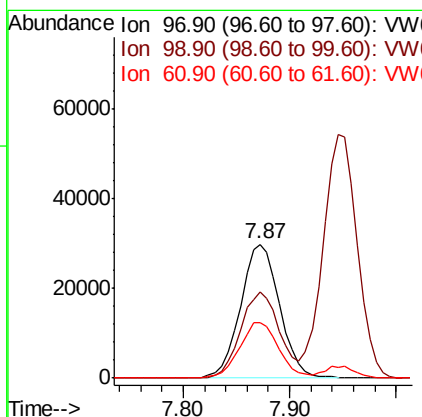
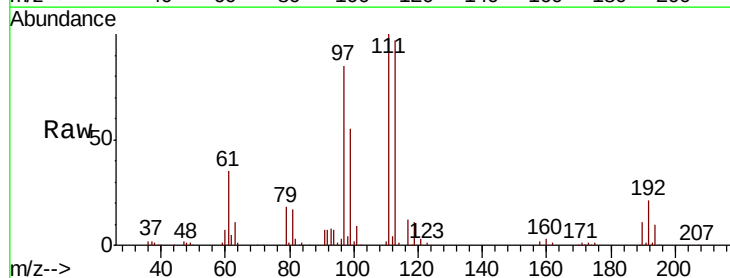
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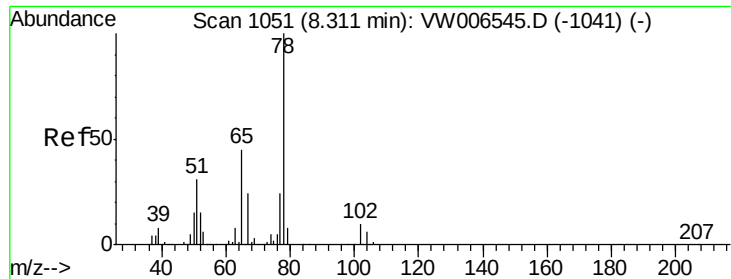
apatel
11/5/2018 10:12:40 AM



#32
1,1,1-Trichloroethane
Concen: 21.896 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW006603.D
Acq: 02 Nov 2018 16:06

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.9	51.7	77.5
61	42.1	32.9	49.3





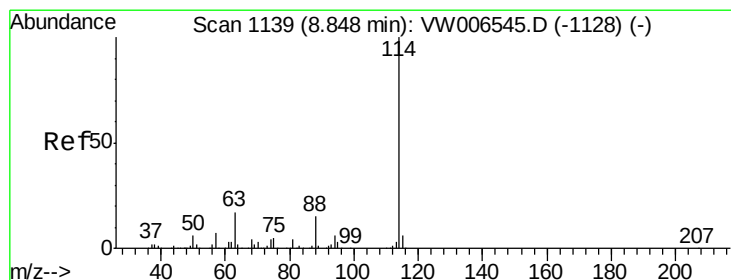
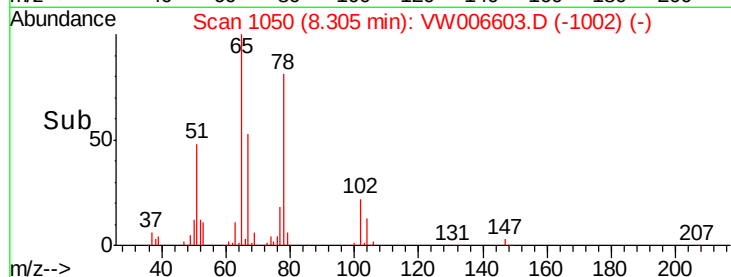
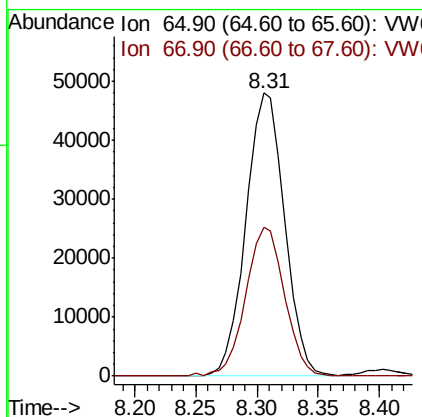
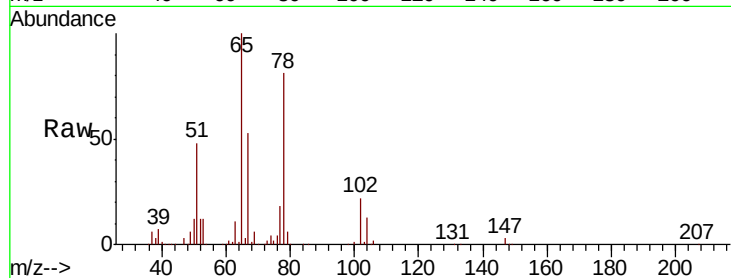
#33
 1,2-Dichloroethane-d4
 Concen: 49.216 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW006603.D
 Acq: 02 Nov 2018 16:06

Instrument :
 MSVOA_W
 ClientSampled :
 VW1104SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	52.8	0.0	104.4	

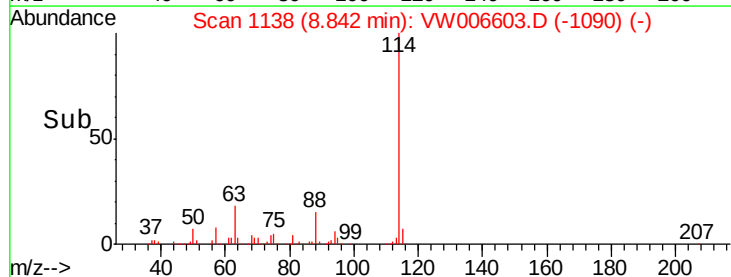
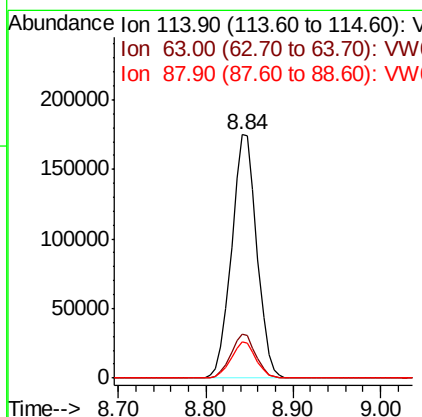
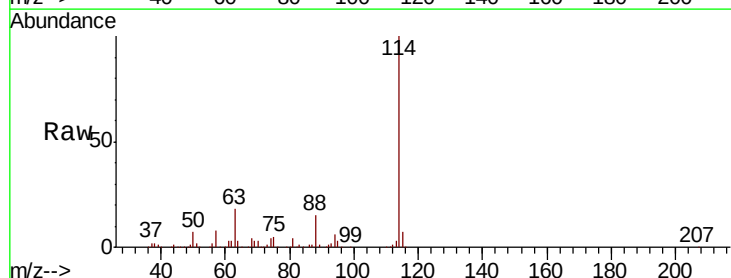
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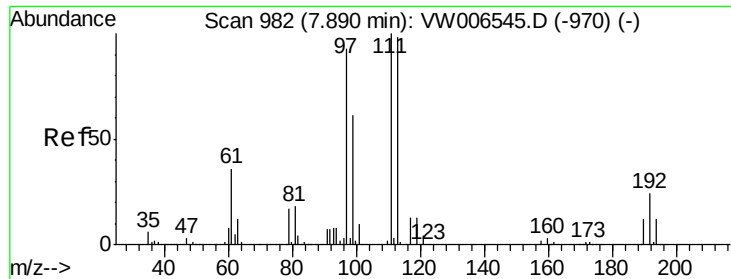
apatel
 11/5/2018 10:12:40 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW006603.D
 Acq: 02 Nov 2018 16:06

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	18.2	0.0	34.4	
88	14.8	0.0	29.0	





#35

Dibromofluoromethane

Concen: 51.077 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006603.D

Acq: 02 Nov 2018 16:06

Instrument :

MSVOA_W

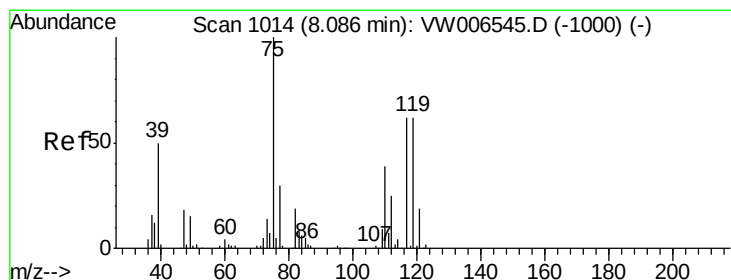
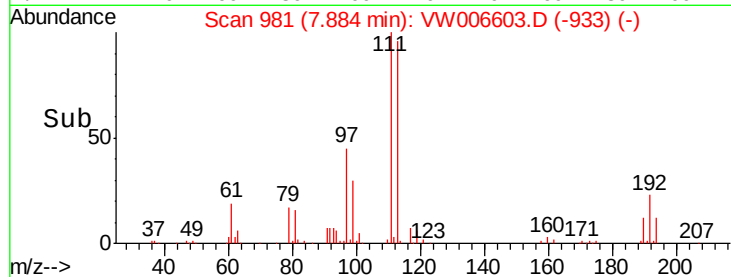
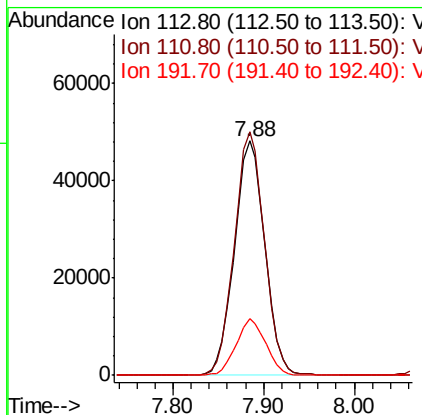
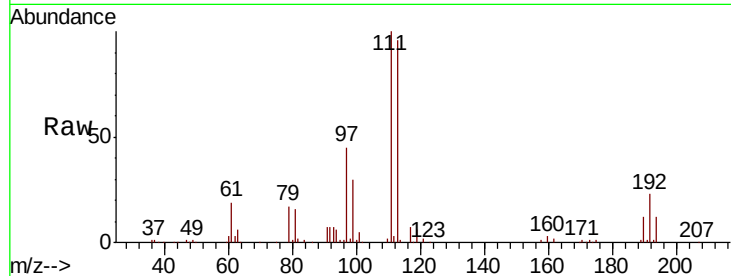
ClientSampleId :

VW1104SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	102.6	82.2	123.2	
192	23.5	19.0	28.6	

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 23.270 ug/l

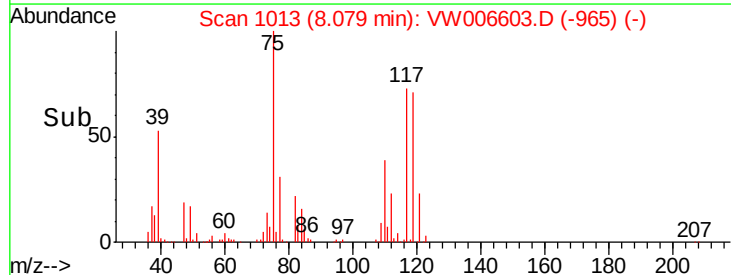
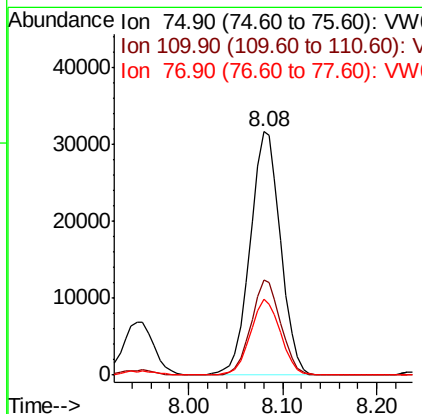
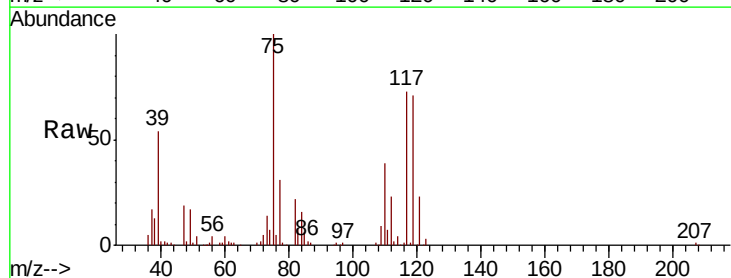
RT: 8.08 min Scan# 1013

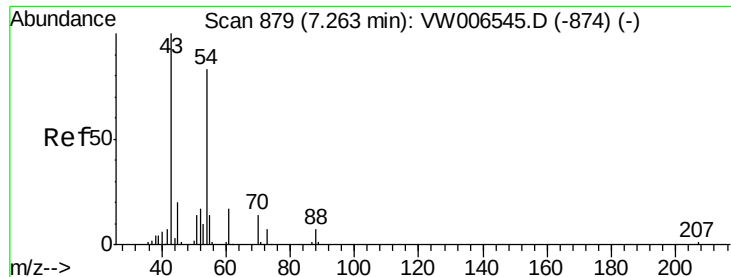
Delta R.T. -0.01 min

Lab File: VW006603.D

Acq: 02 Nov 2018 16:06

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	38.1	19.5	58.5	
77	31.1	24.6	37.0	





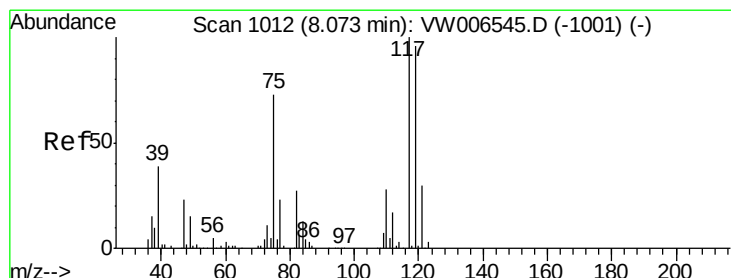
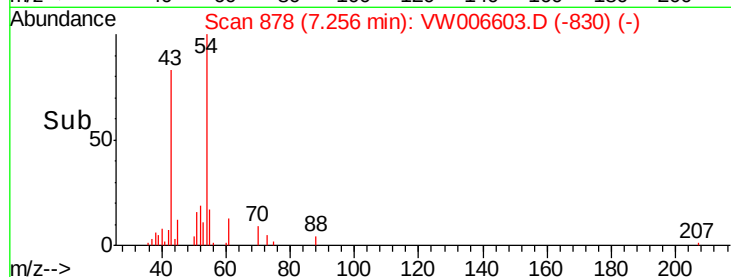
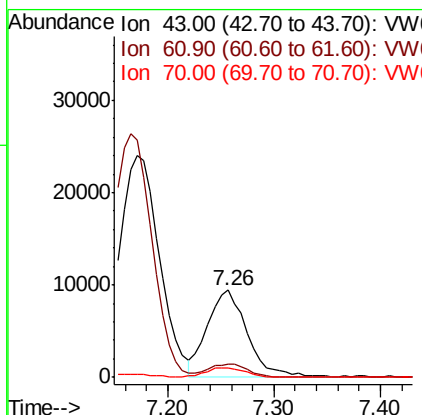
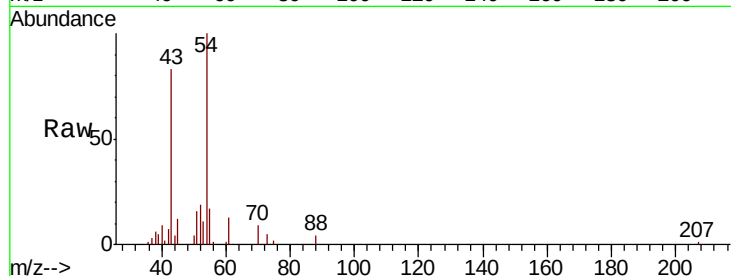
#37
Ethyl Acetate
Concen: 22.638 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.01 min
Lab File: VW006603.D
Acq: 02 Nov 2018 16:06

Instrument :
MSVOA_W
ClientSampleId :
VW1104SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.0	12.1	18.1
70	11.1	9.8	14.6

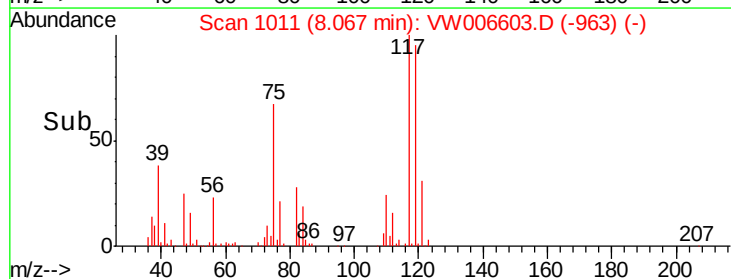
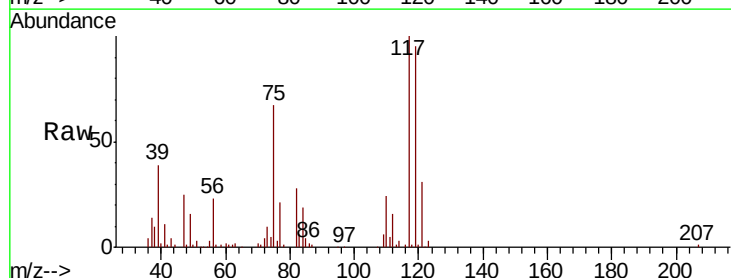
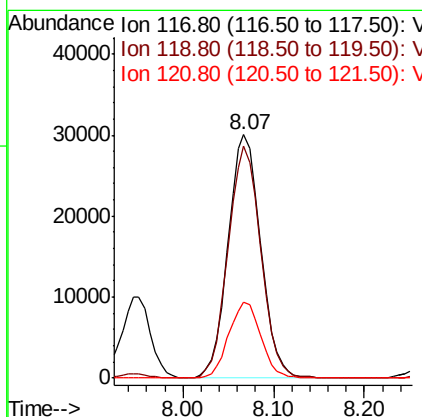
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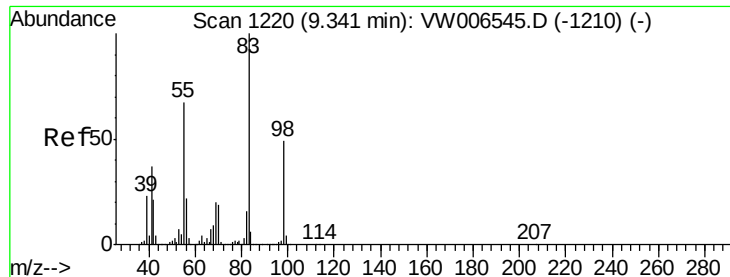
apatel
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#38
Carbon Tetrachloride
Concen: 23.273 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW006603.D
Acq: 02 Nov 2018 16:06

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.2	76.3	114.5
121	31.2	24.1	36.1





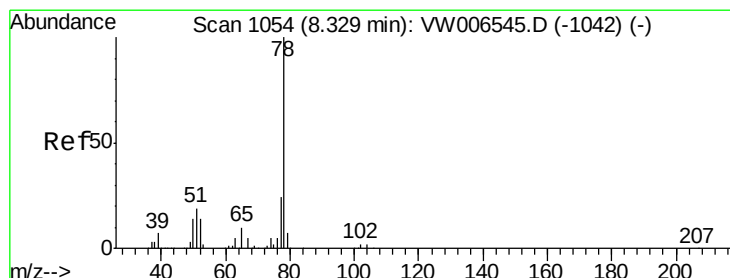
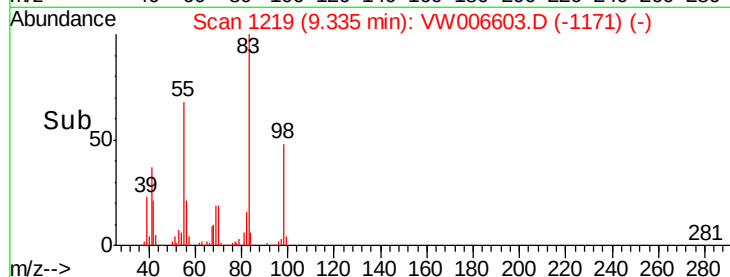
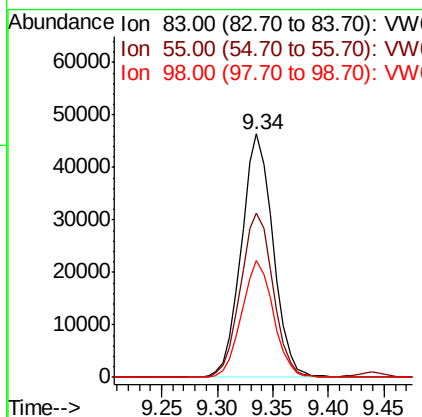
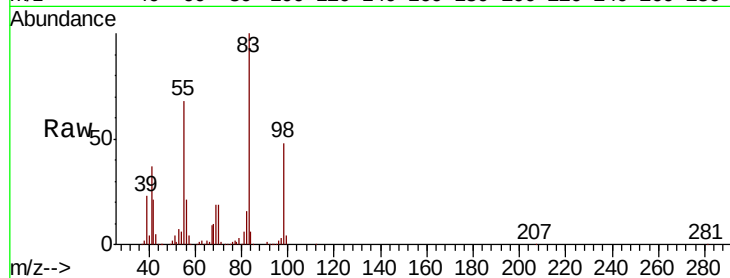
#39
Methylvlcyclohexane
Concen: 23.472 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006603.D
Acq: 02 Nov 2018 16:06

Instrument :
MSVOA_W
ClientSampleId :
VW1104SBS01

Tot Ion	83	Resp	91862
Ion Ratio	100	Lower	Upper
83	100		
55	67.6	53.7	80.5
98	48.2	39.2	58.8

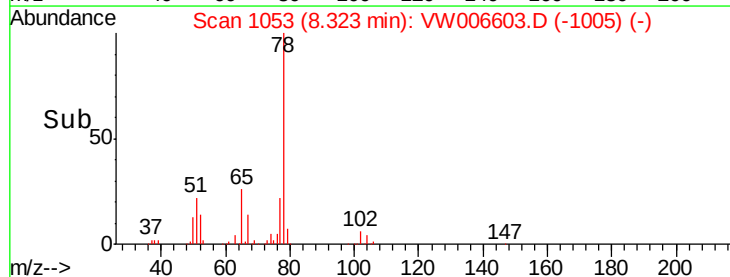
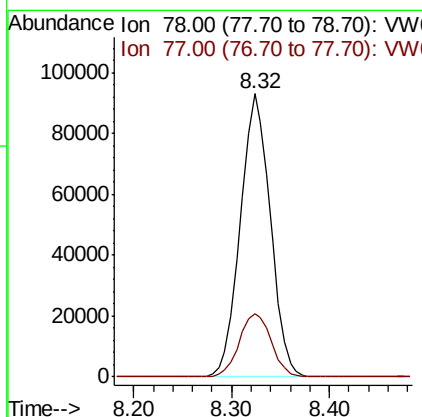
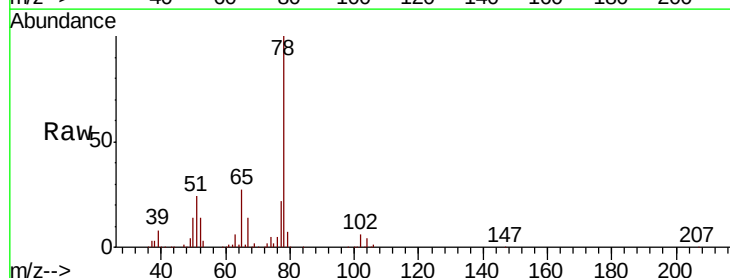
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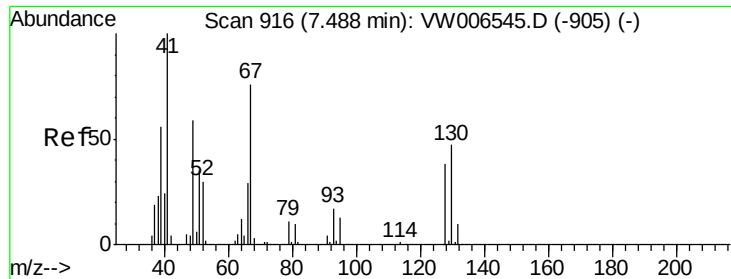
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#40
Benzene
Concen: 22.603 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW006603.D
Acq: 02 Nov 2018 16:06

Tgt Ion	78	Resp	198000
Ion Ratio	100	Lower	Upper
78	100		
77	22.4	19.2	28.8





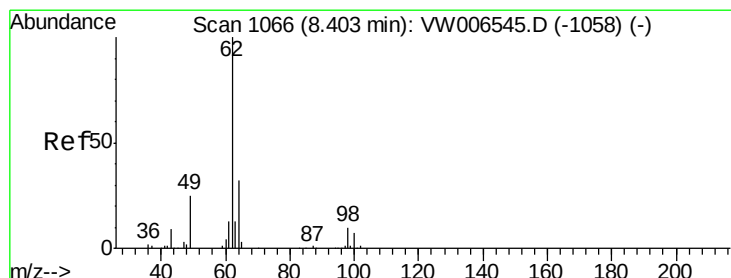
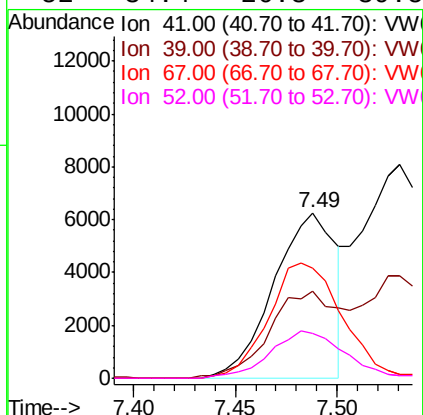
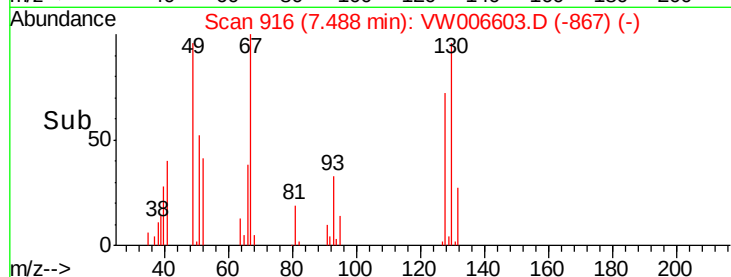
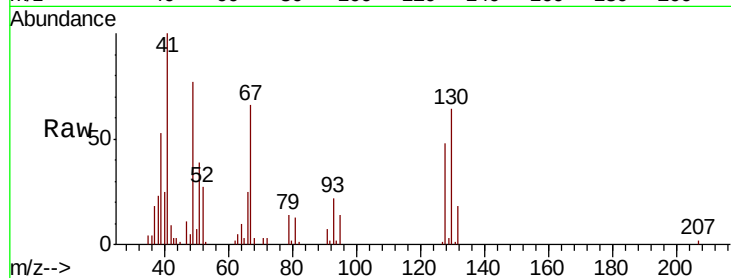
#41
Methacrylonitrile
Concen: 20.304 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW006603.D
Acq: 02 Nov 2018 16:06

Instrument :
MSVOA_W
ClientSampleId :
VW1104SBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	62.4	44.5	66.7	
67	82.0	63.8	95.8	
52	34.4	26.3	39.5	

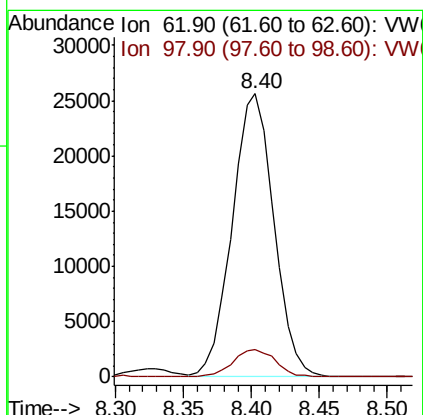
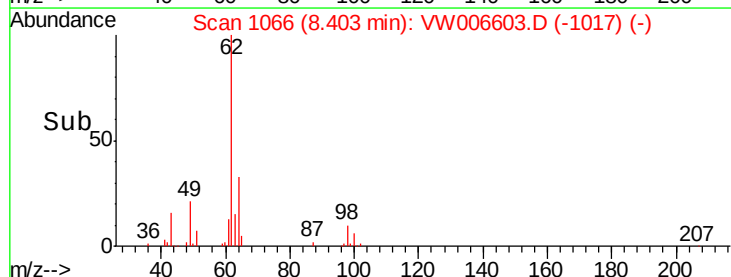
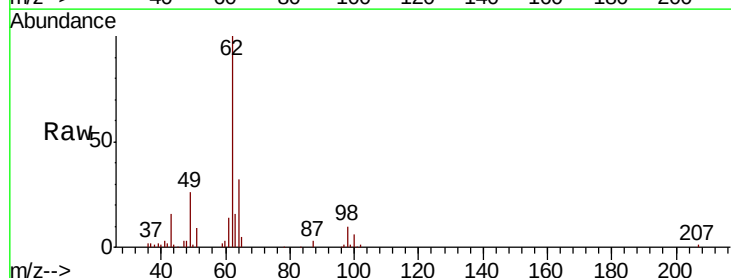
Manual Integrations
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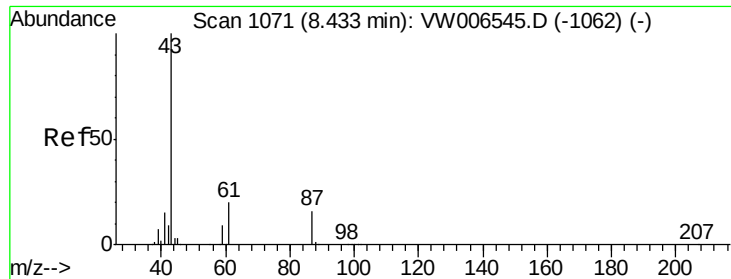
apatel
11/5/2018 10:12:40 AM



#42
1,2-Dichloroethane
Concen: 21.858 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW006603.D
Acq: 02 Nov 2018 16:06

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.8	0.0	19.8	





#43

Isopropyl Acetate

Concen: 21.360 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.01 min

Lab File: VW006603.D

Acq: 02 Nov 2018 16:06

Instrument :

MSVOA_W

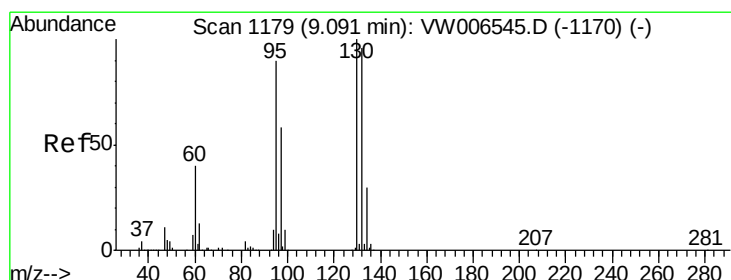
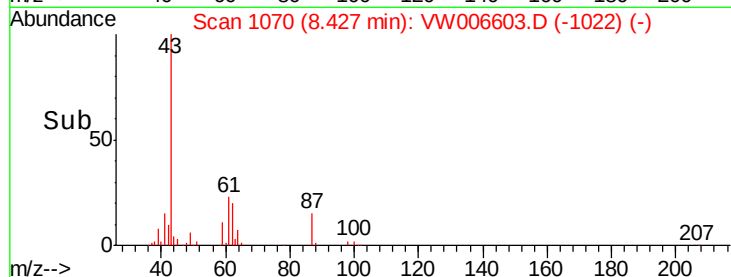
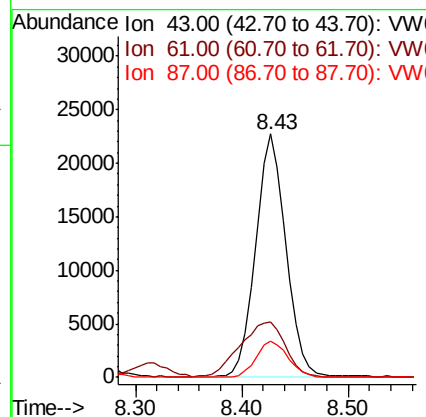
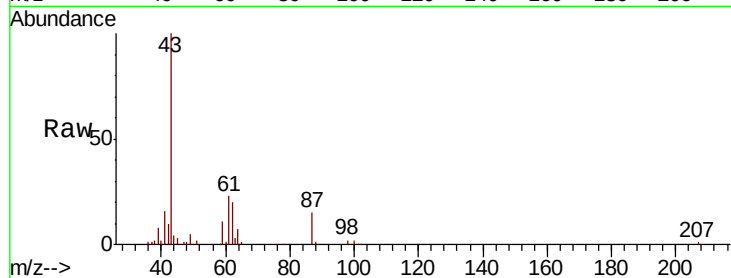
ClientSampleId :

VW1104SBS01

Tot Ion:	43	Resp:	45554
Ion	Ratio	Lower	Upper
43	100		
61	34.1	27.2	40.8
87	15.8	12.9	19.3

Manual Integrations
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11/5/2018 10:12:40 AM



#44

Trichloroethene

Concen: 22.416 ug/l

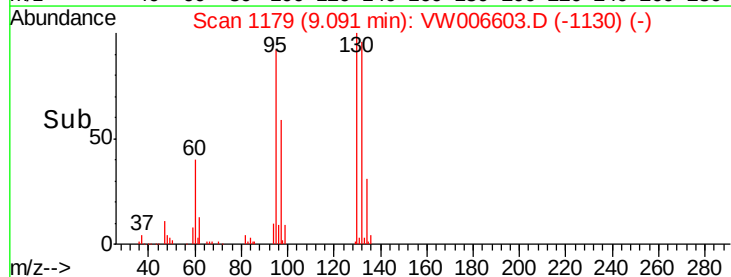
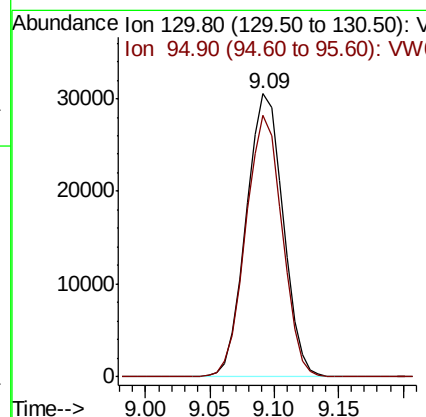
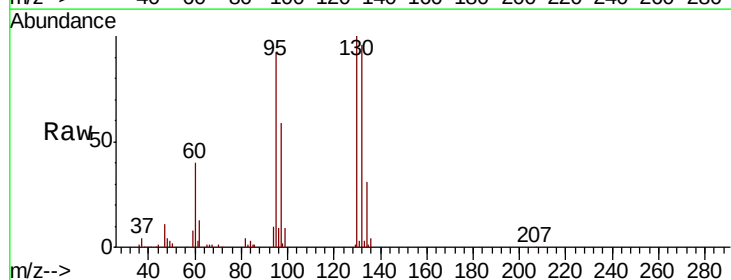
RT: 9.09 min Scan# 1179

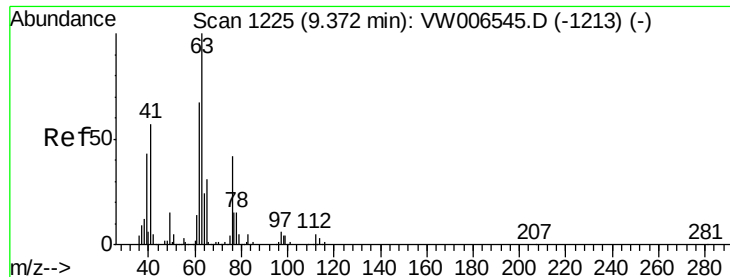
Delta R.T. 0.00 min

Lab File: VW006603.D

Acq: 02 Nov 2018 16:06

Tgt Ion:	130	Resp:	60594
Ion	Ratio	Lower	Upper
130	100		
95	92.4	0.0	179.2





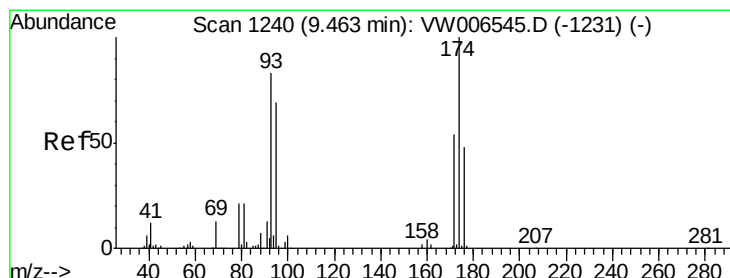
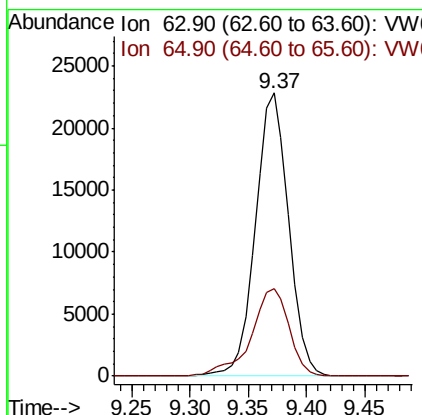
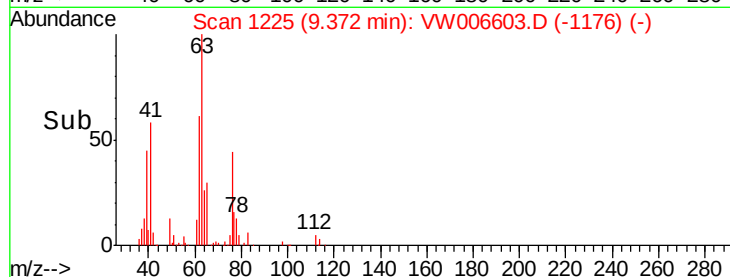
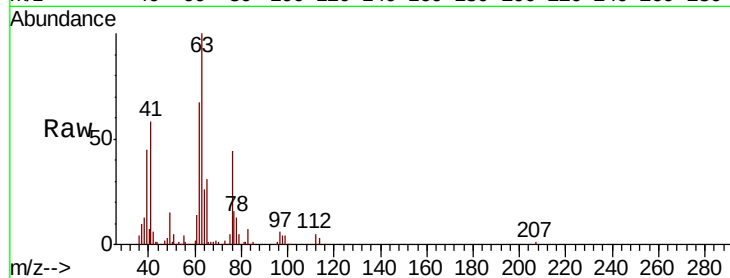
#45
 1,2-Dichloropropane
 Concen: 22.194 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW006603.D
 Acq: 02 Nov 2018 16:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1104SBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.8	25.1	37.7

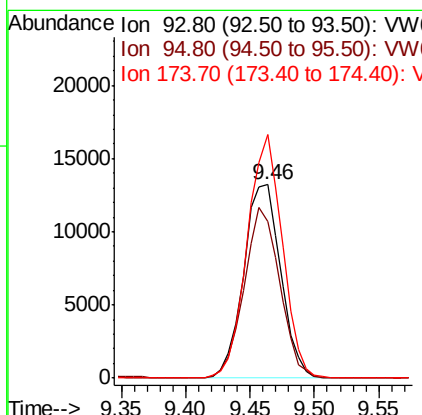
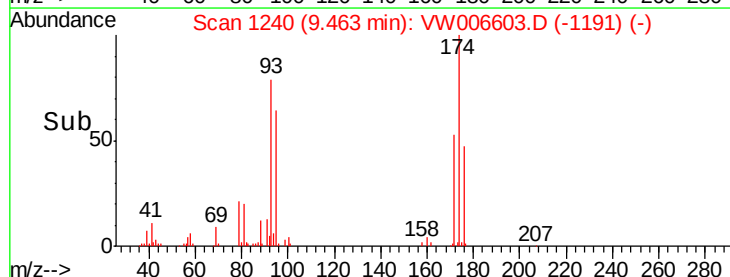
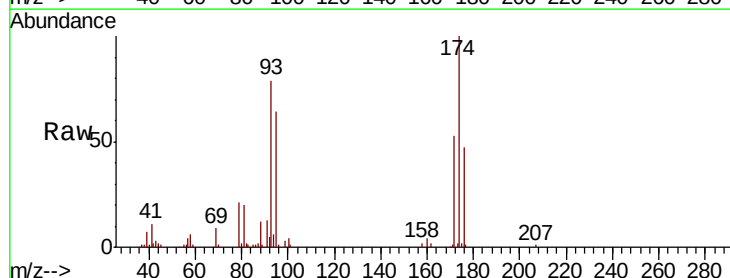
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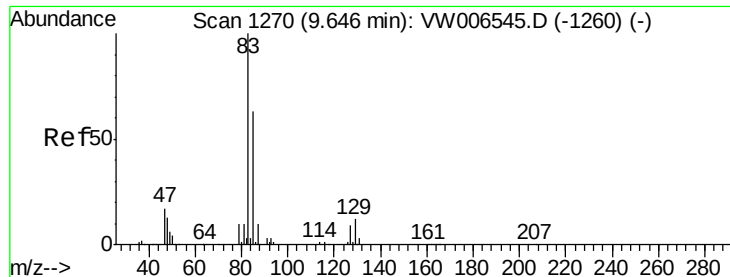
apatel
 11/5/2018 10:12:40 AM



#46
 Dibromomethane
 Concen: 21.978 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VW006603.D
 Acq: 02 Nov 2018 16:06

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.1	67.2	100.8
174	118.5	97.3	145.9





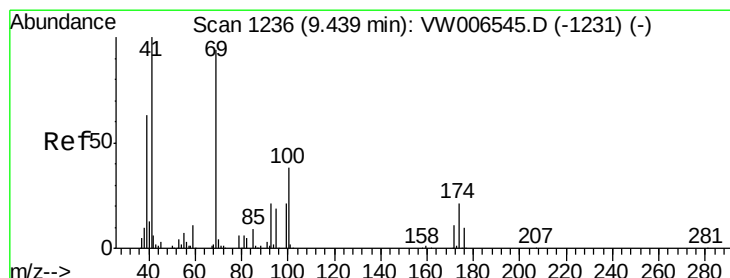
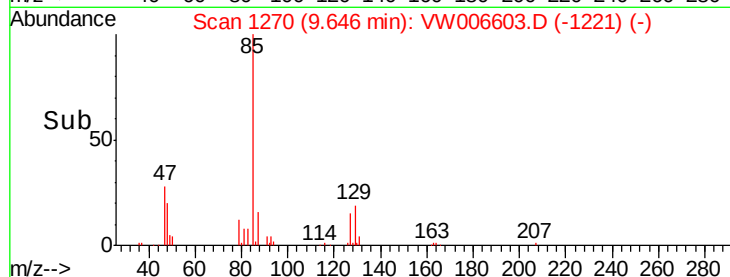
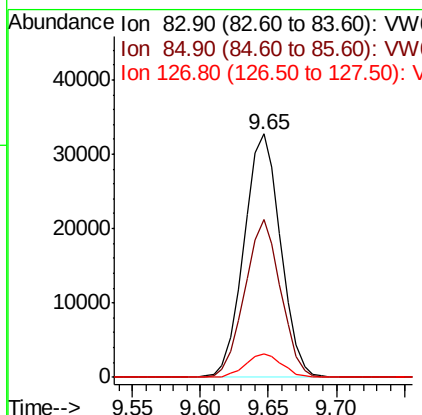
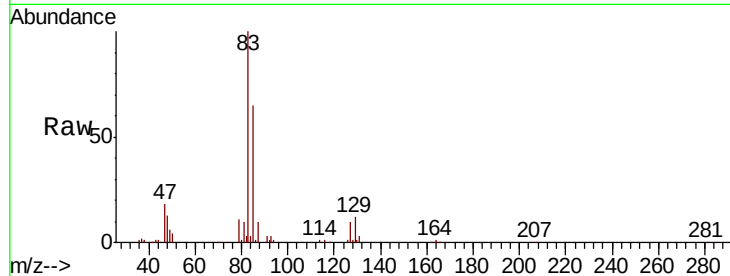
#47
Bromodichloromethane
Concen: 22.129 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VW006603.D
Acq: 02 Nov 2018 16:06

Instrument :
MSVOA_W
ClientSampleId :
VW1104SBS01

Tot Ion	83	Resp	61573
Ion Ratio	100	Lower	Upper
83	100		
85	65.0	50.6	75.8
127	9.8	7.5	11.3

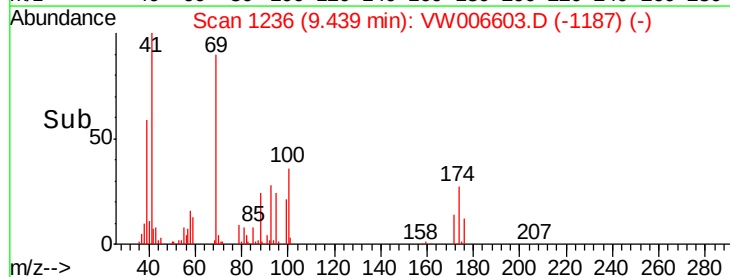
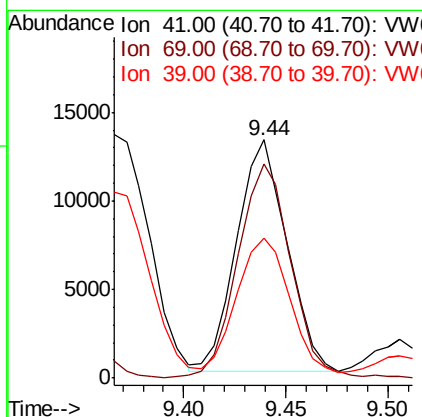
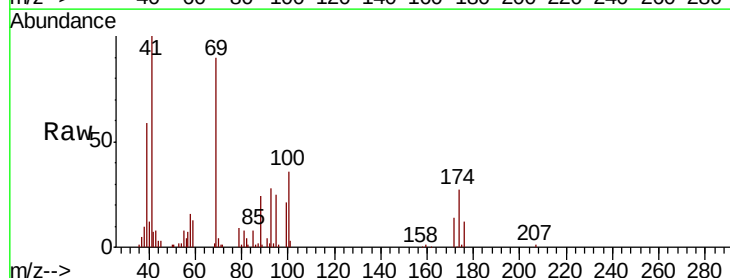
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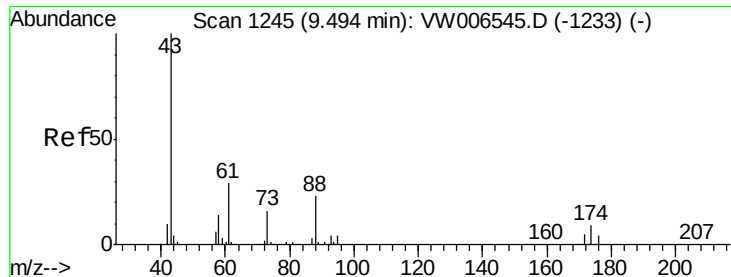
apatel
11/5/2018 10:12:40 AM



#48
Methyl methacrylate
Concen: 21.781 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VW006603.D
Acq: 02 Nov 2018 16:06

Tgt Ion	41	Resp	22380
Ion Ratio	100	Lower	Upper
41	100		
69	98.5	77.8	116.8
39	59.8	48.7	73.1





#49

1,4-Dioxane

Concen: 464.889 ug/l

RT: 9.45 min Scan# 1237

Delta R.T. -0.05 min

Lab File: VW006603.D

Acq: 02 Nov 2018 16:06

Instrument :

MSVOA_W

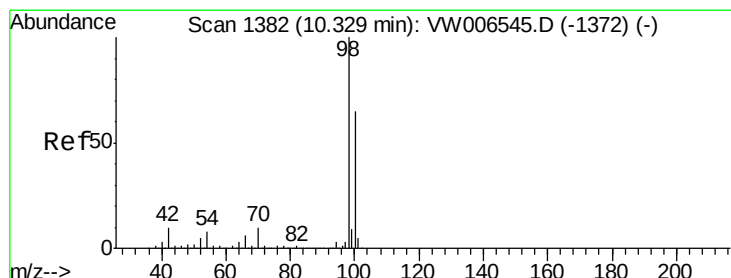
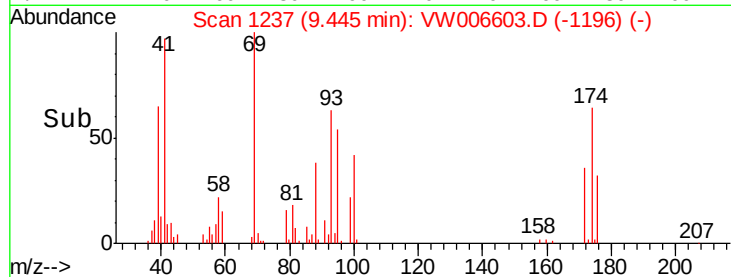
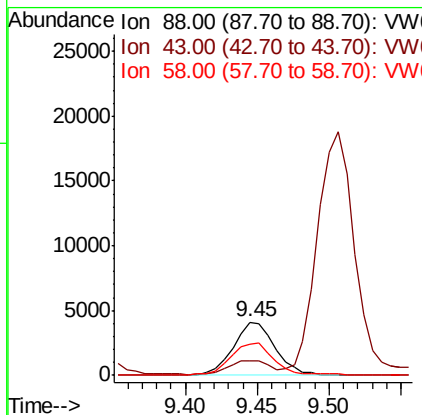
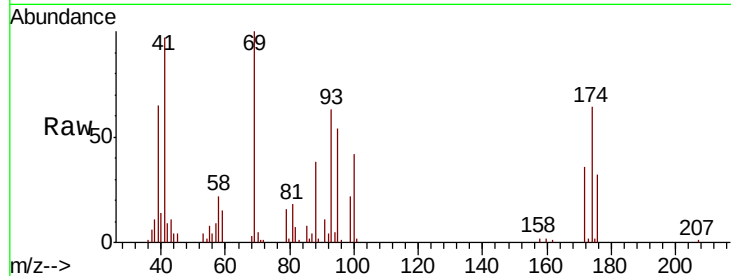
ClientSampleId :

VW1104SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.0	356.6	534.8#
58	65.5	51.4	77.2

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11/5/2018 10:12:40 AM



#50

Toluene-d8

Concen: 51.501 ug/l

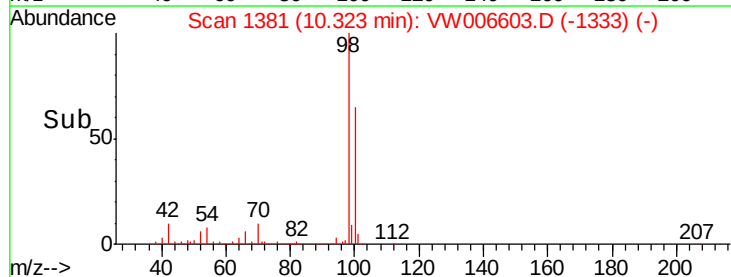
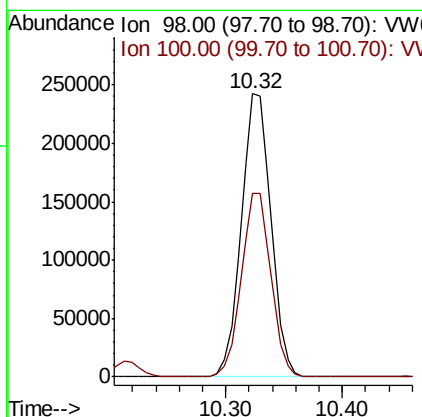
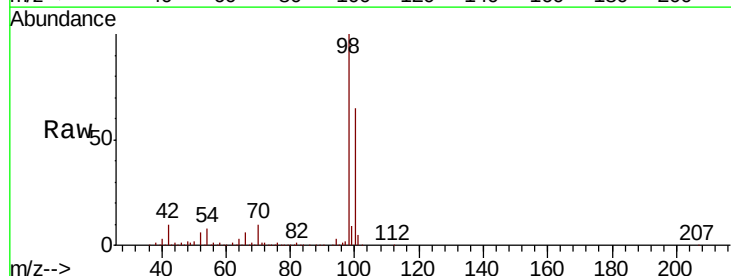
RT: 10.32 min Scan# 1381

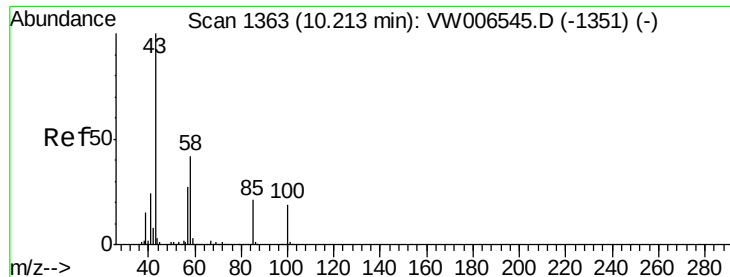
Delta R.T. -0.01 min

Lab File: VW006603.D

Acq: 02 Nov 2018 16:06

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.6	77.4





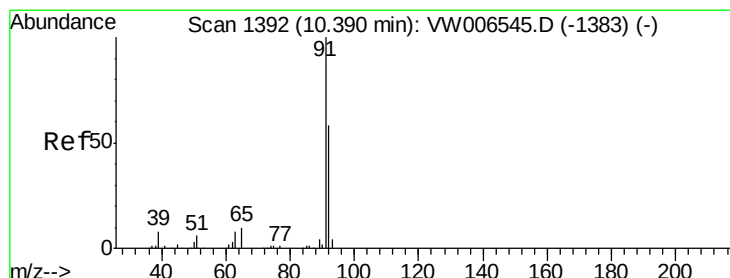
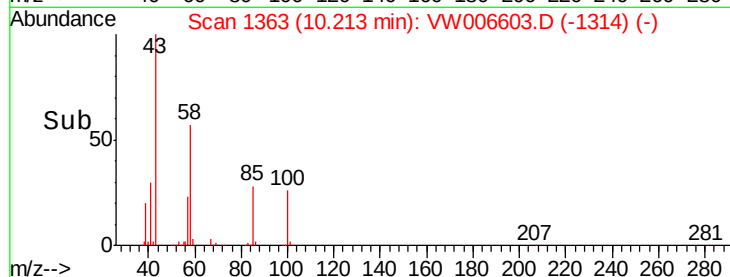
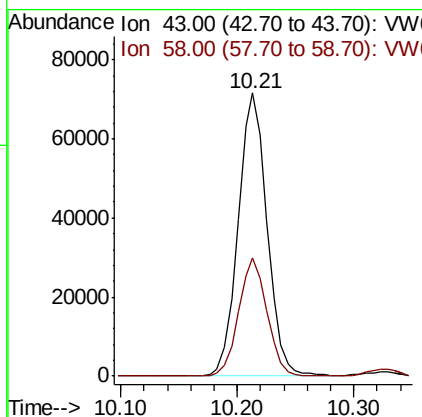
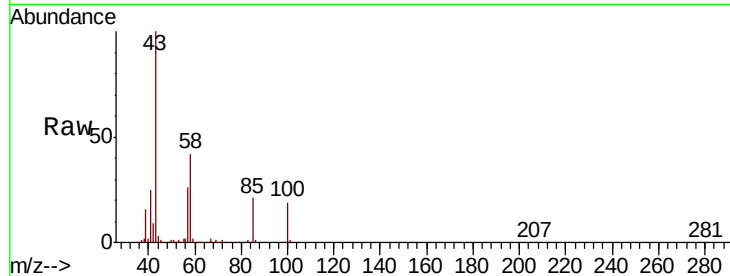
#51
 4-Methyl-2-Pentanone
 Concen: 113.115 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VW006603.D
 Acq: 02 Nov 2018 16:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1104SBS01

Tot Ion	43	Resp	123895
Ion Ratio	Lower	Upper	
43	100		
58	40.8	33.4	50.0

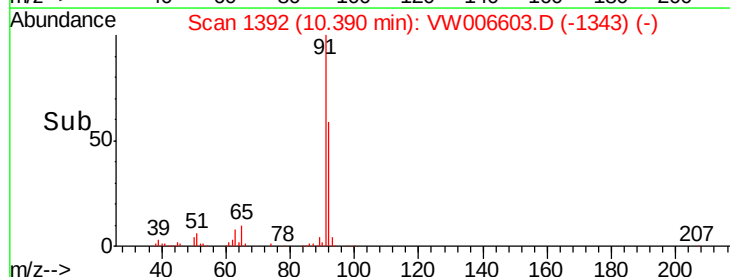
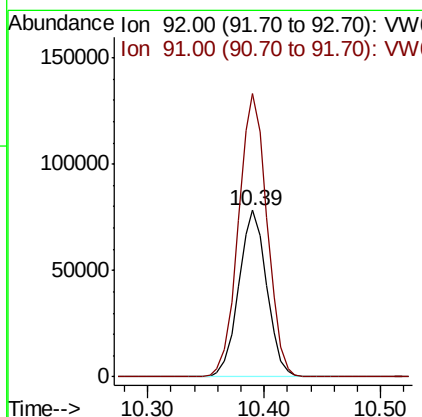
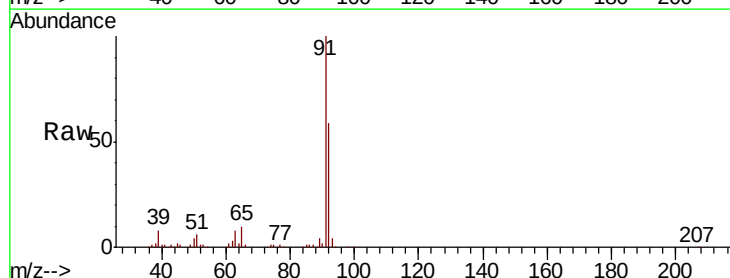
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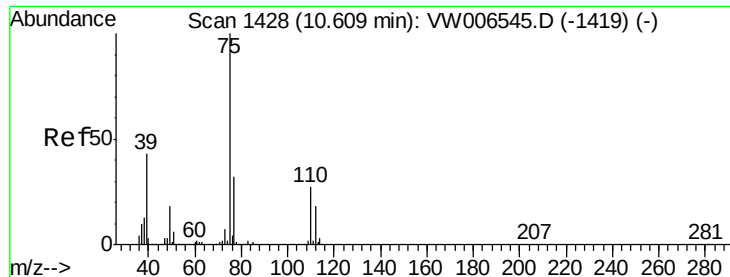
apatel
 11/5/2018 10:12:40 AM



#52
 Toluene
 Concen: 22.398 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW006603.D
 Acq: 02 Nov 2018 16:06

Tgt Ion	92	Resp	131596
Ion Ratio	Lower	Upper	
92	100		
91	173.0	138.6	208.0





#53

t-1,3-Dichloropropene

Concen: 22.107 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW006603.D

Acq: 02 Nov 2018 16:06

Instrument :

MSVOA_W

ClientSampleId :

VW1104SBS01

Tot Ion: 75 Resp: 59200

Ion Ratio Lower Upper

75 100

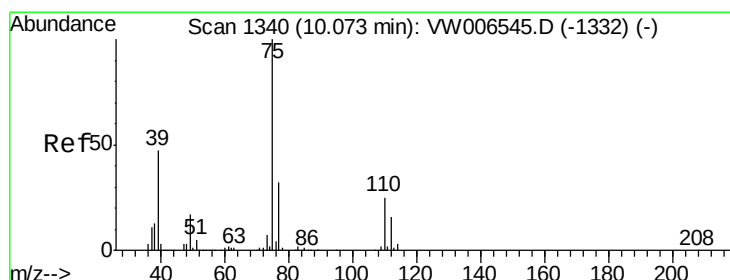
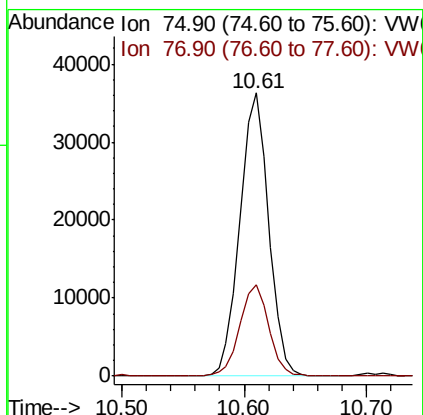
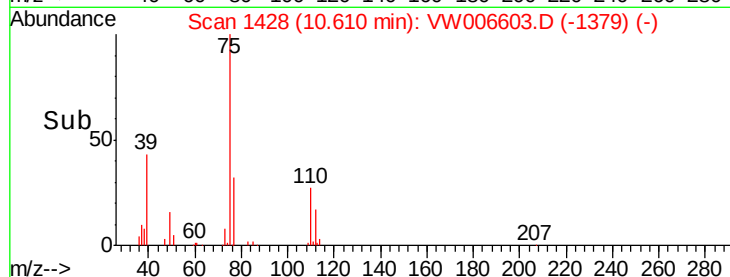
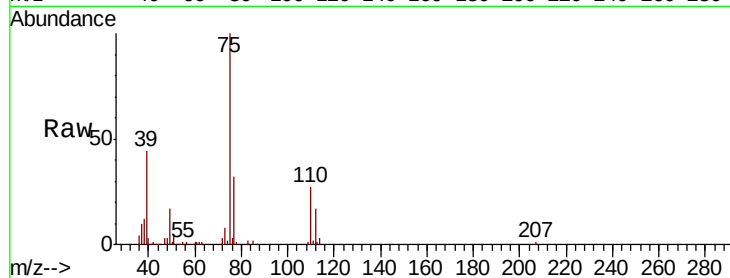
77 32.1 25.6 38.4

Manual Integrations

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apatel

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#54

cis-1,3-Dichloropropene

Concen: 21.920 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW006603.D

Acq: 02 Nov 2018 16:06

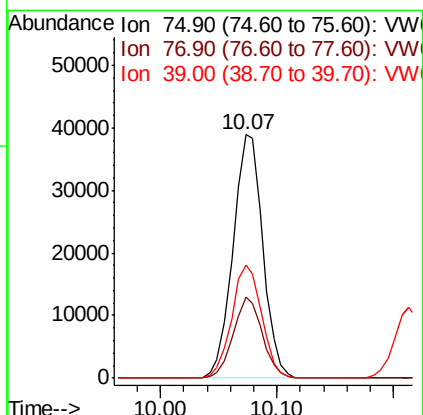
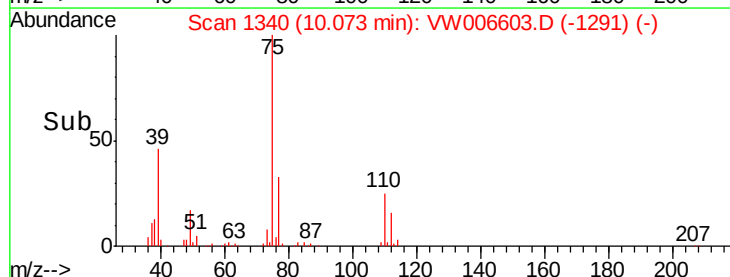
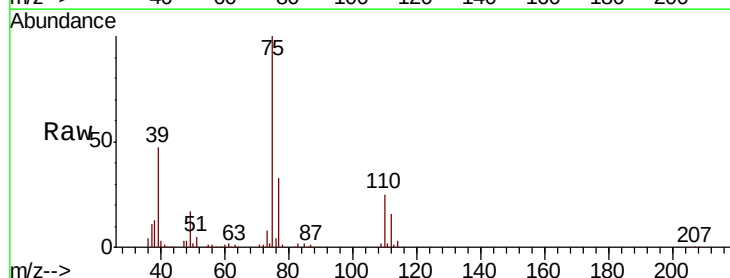
Tgt Ion: 75 Resp: 69365

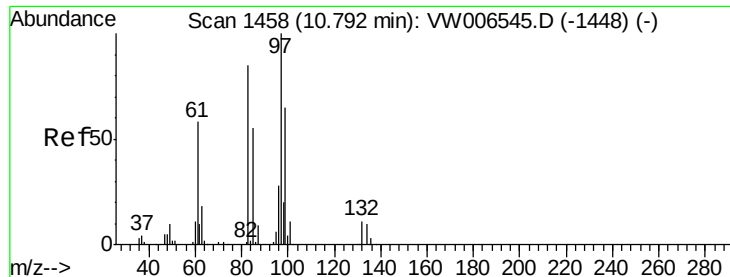
Ion Ratio Lower Upper

75 100

77 33.4 25.7 38.5

39 46.4 37.3 55.9





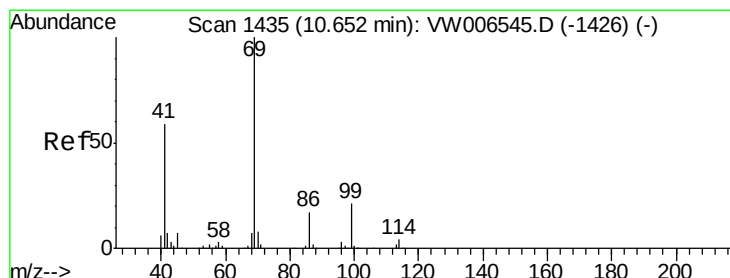
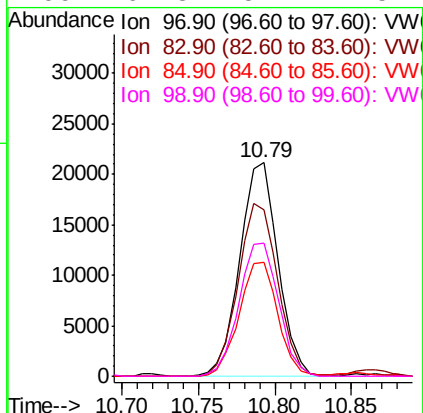
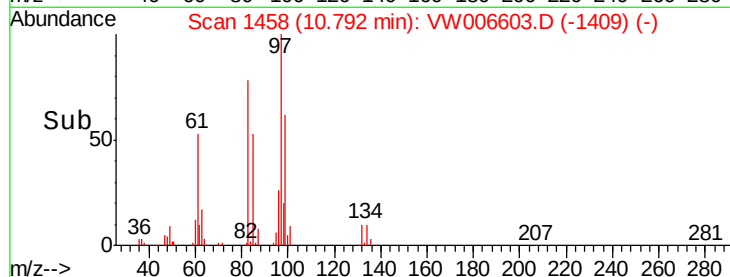
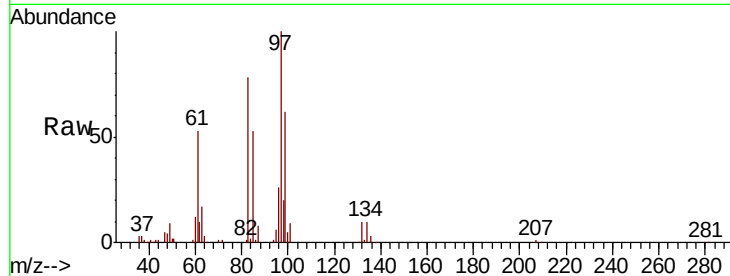
#55
 1,1,2-Trichloroethane
 Concen: 21.644 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: VW006603.D
 Acq: 02 Nov 2018 16:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1104SBS01

Tot Ion:	97	Resp:	36801
Ion	Ratio	Lower	Upper
97	100		
83	78.0	67.9	101.9
85	53.1	44.0	66.0
99	62.3	52.2	78.2

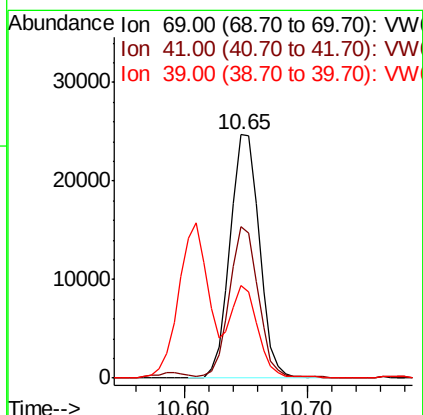
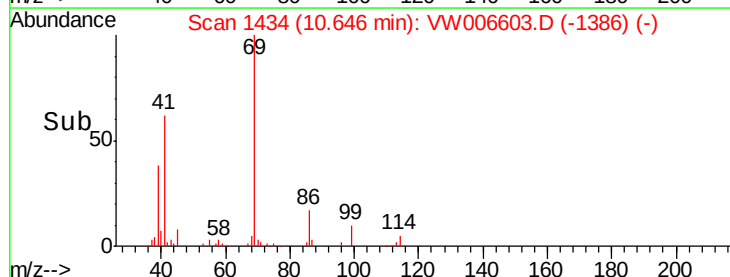
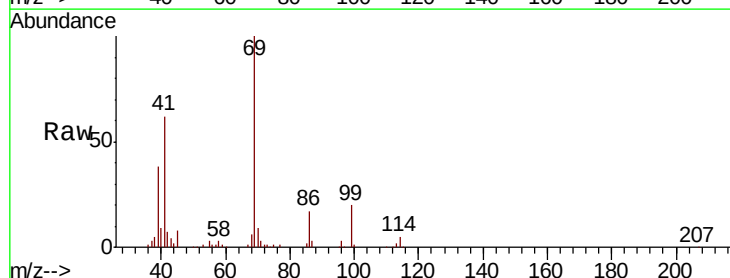
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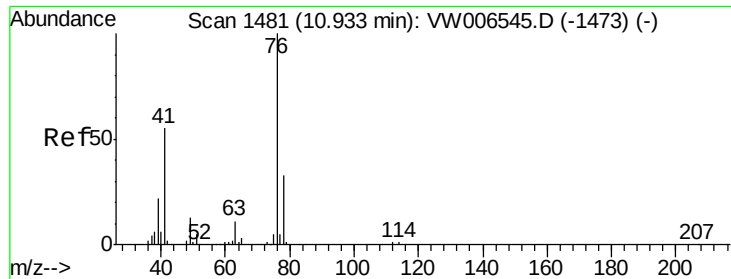
apatel
 11/5/2018 10:12:40 AM



#56
 Ethyl methacrylate
 Concen: 21.207 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: VW006603.D
 Acq: 02 Nov 2018 16:06

Tgt Ion:	69	Resp:	40983
Ion	Ratio	Lower	Upper
69	100		
41	61.1	47.4	71.2
39	37.2	25.3	37.9





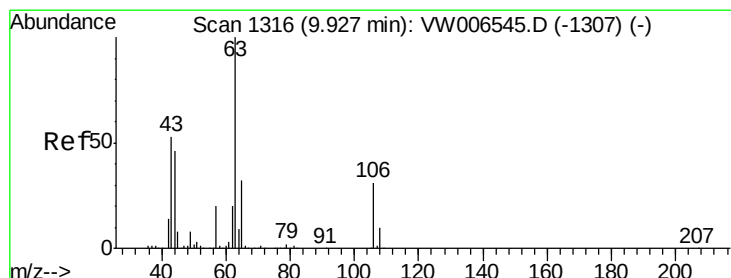
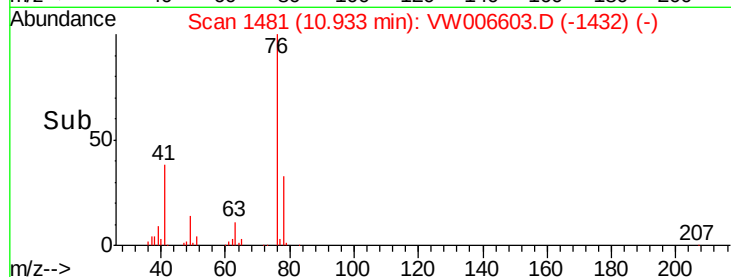
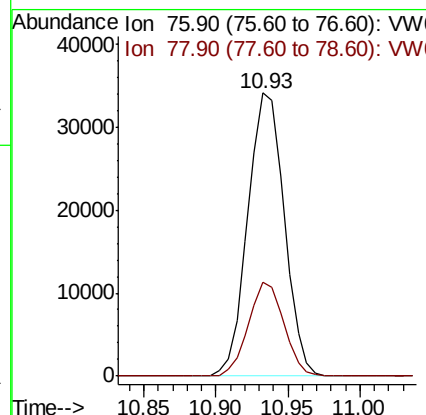
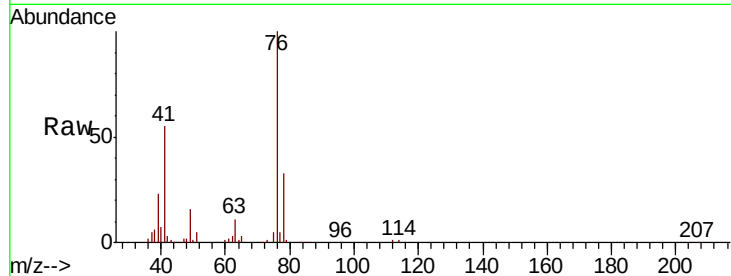
#57
 1,3-Dichloropropane
 Concen: 21.673 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW006603.D
 Acq: 02 Nov 2018 16:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1104SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.2	26.2	39.4

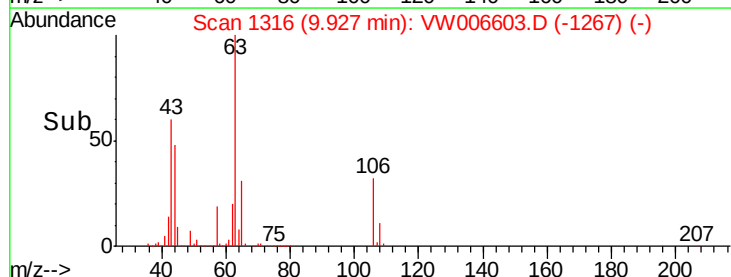
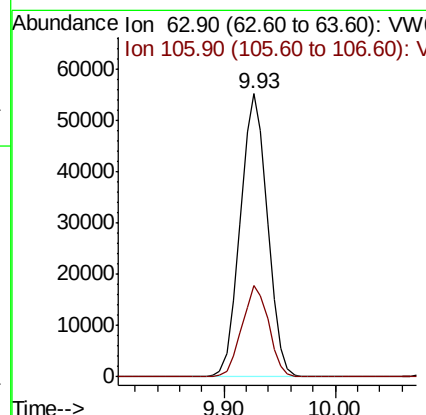
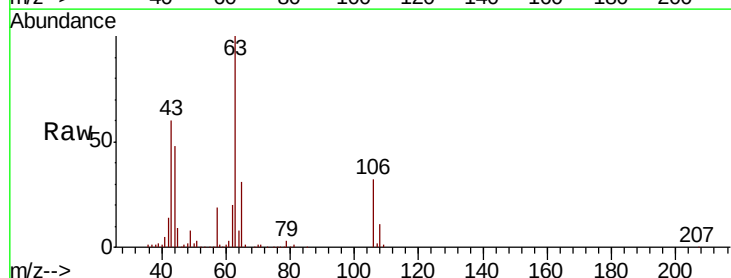
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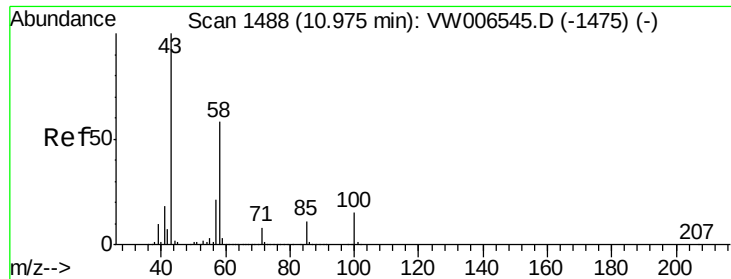
apatel
 11/5/2018 10:12:40 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 99.054 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW006603.D
 Acq: 02 Nov 2018 16:06

Tgt Ion	Ratio	Lower	Upper
63	100		
106	31.8	25.4	38.2





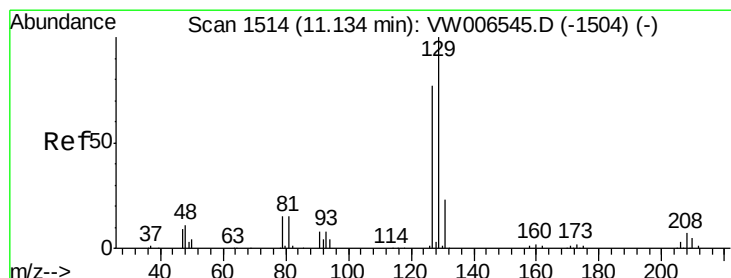
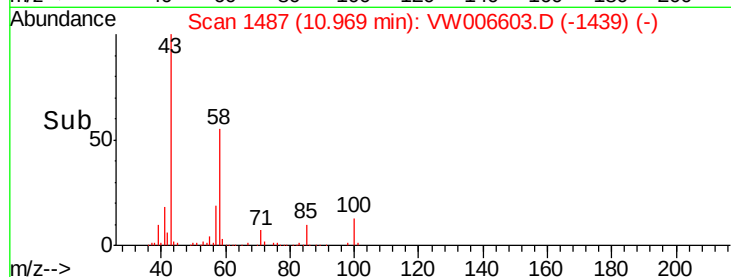
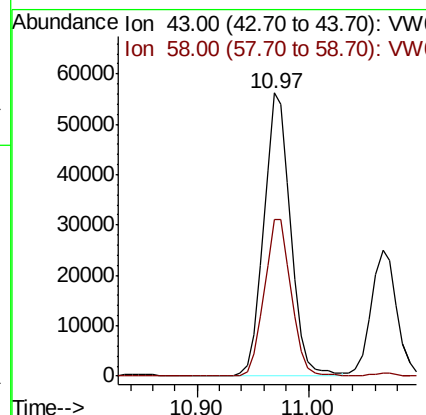
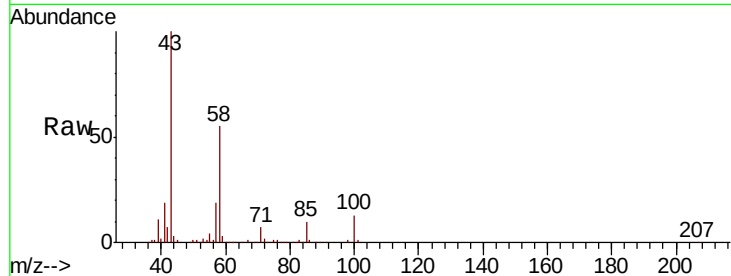
#59
2-Hexanone
Concen: 126.830 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.01 min
Lab File: VW006603.D
Acq: 02 Nov 2018 16:06

Instrument :
MSVOA_W
ClientSampleId :
VW1104SBS01

Tot Ion	43	Resp	94351
Ion Ratio	100	Lower	Upper
43	100		
58	55.8	28.8	86.4

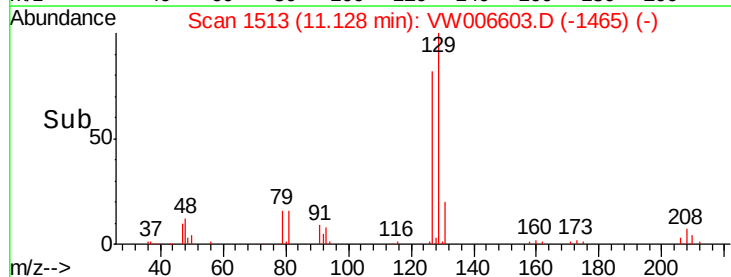
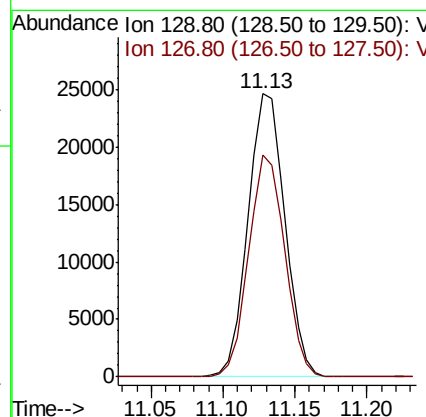
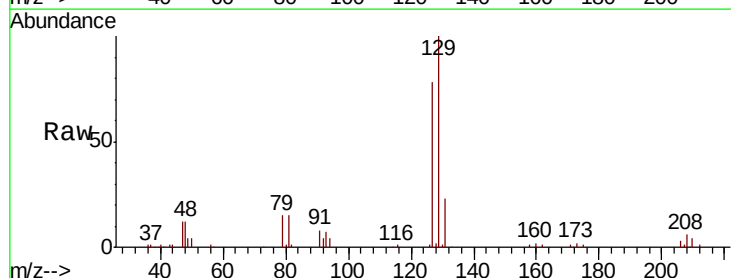
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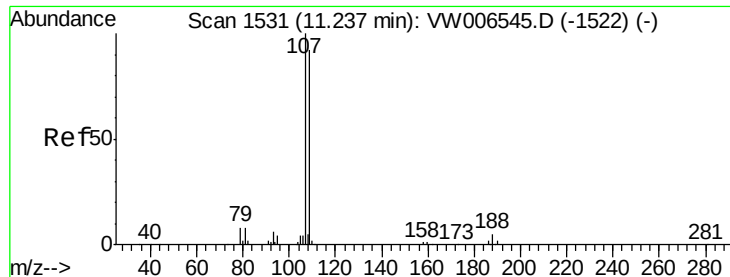
apatel
11/5/2018 10:12:40 AM



#60
Dibromochloromethane
Concen: 21.681 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.01 min
Lab File: VW006603.D
Acq: 02 Nov 2018 16:06

Tgt Ion	129	Resp	43676
Ion Ratio	100	Lower	Upper
129	100		
127	76.4	38.8	116.3





#61

1,2-Dibromoethane

Concen: 21.693 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW006603.D

Acq: 02 Nov 2018 16:06

Instrument :

MSVOA_W

ClientSampleId :

VW1104SBS01

Tot Ion: 107 Resp: 36628

Ion Ratio Lower Upper

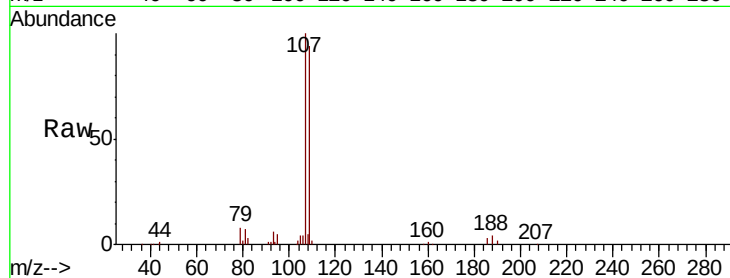
107 100

109 94.5 75.8 113.6

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.24

25000

20000

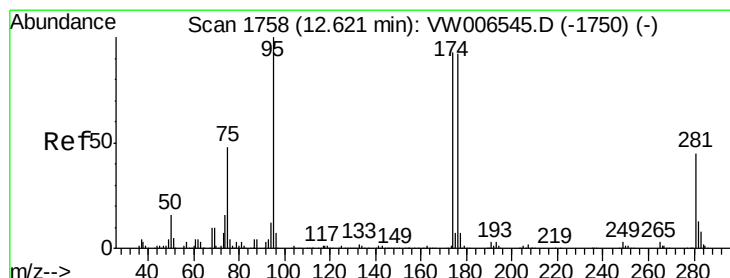
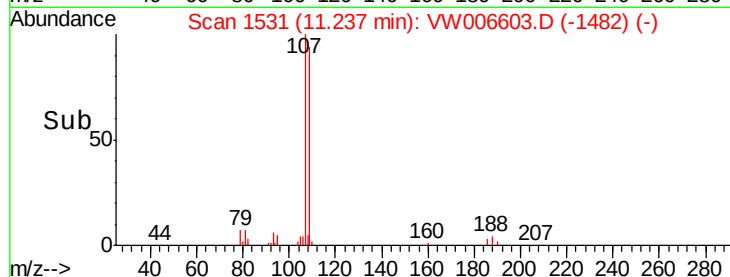
15000

10000

5000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 50.211 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006603.D

Acq: 02 Nov 2018 16:06

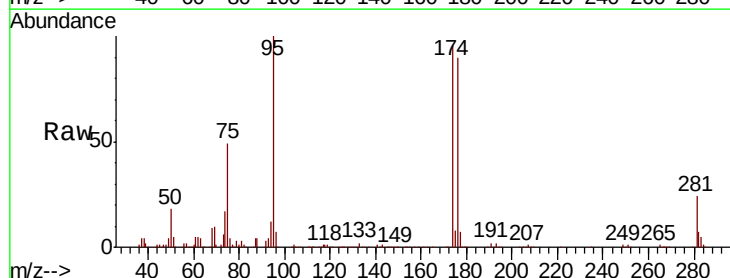
Tgt Ion: 95 Resp: 152516

Ion Ratio Lower Upper

95 100

174 97.5 0.0 192.4

176 94.0 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.62

120000

100000

80000

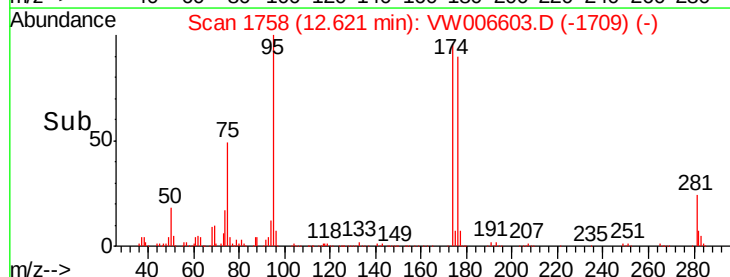
60000

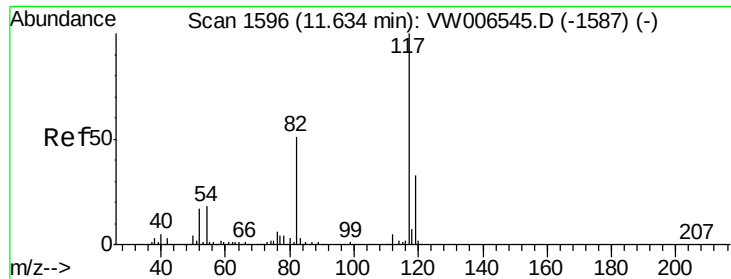
40000

20000

0

Time-->





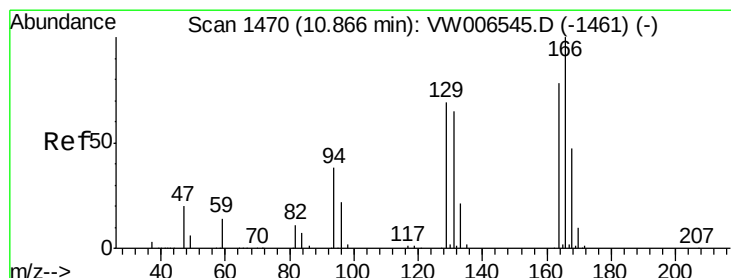
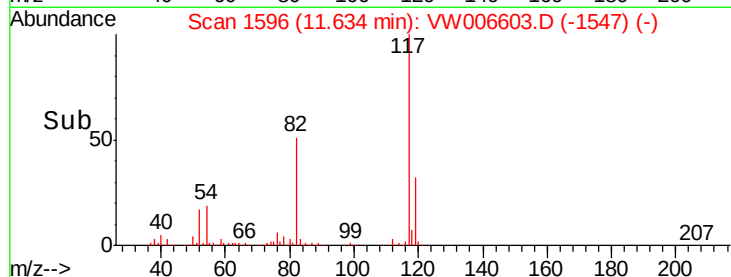
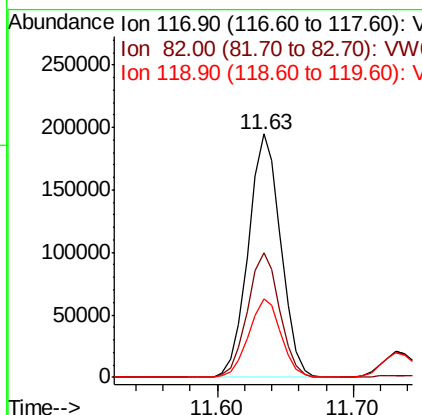
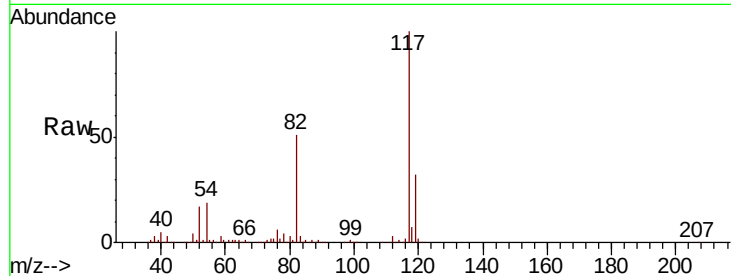
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006603.D
Acq: 02 Nov 2018 16:06

Instrument :
MSVOA_W
ClientSampled :
VW1104SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.0	40.8	61.2
119	32.0	26.1	39.1

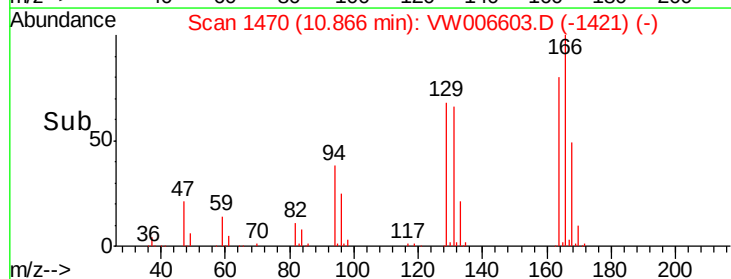
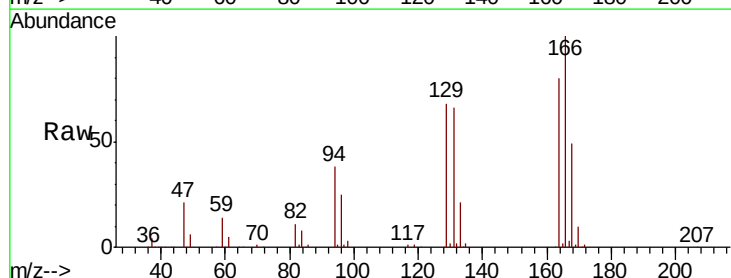
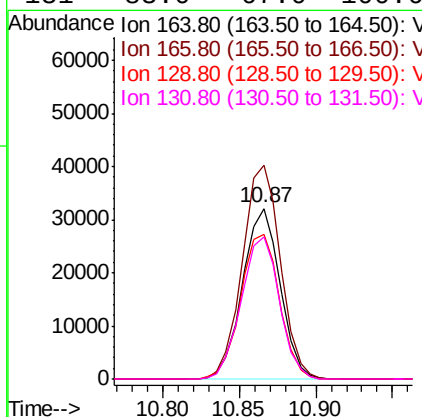
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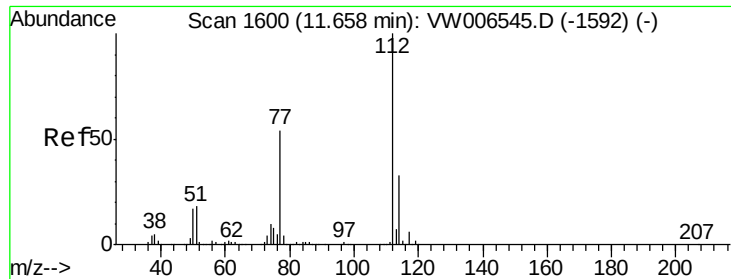
apatel
11/5/2018 10:12:40 AM



#64
Tetrachloroethene
Concen: 21.086 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006603.D
Acq: 02 Nov 2018 16:06

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.3	102.8	154.2
129	84.8	70.9	106.3
131	83.0	67.0	100.6





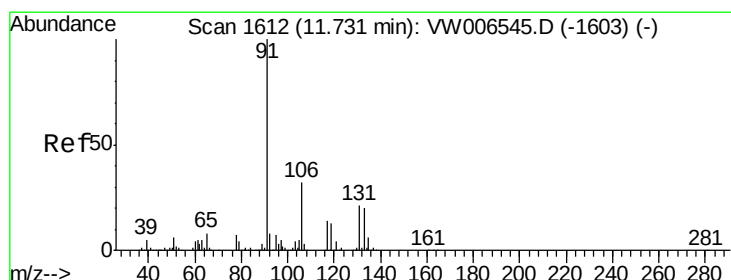
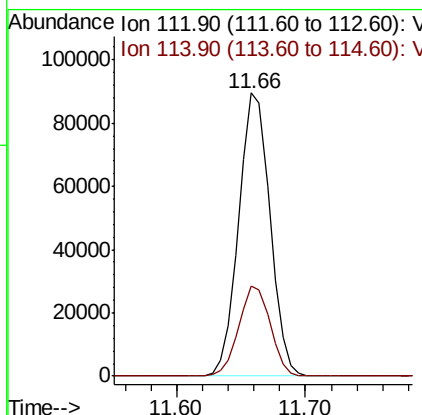
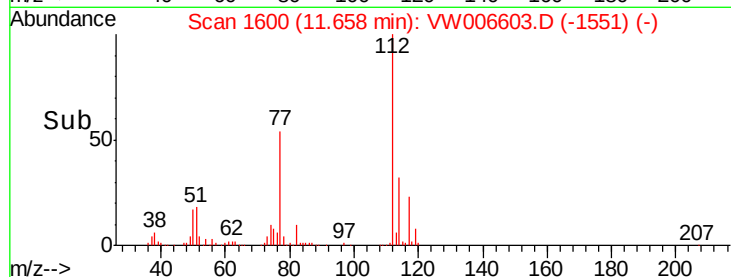
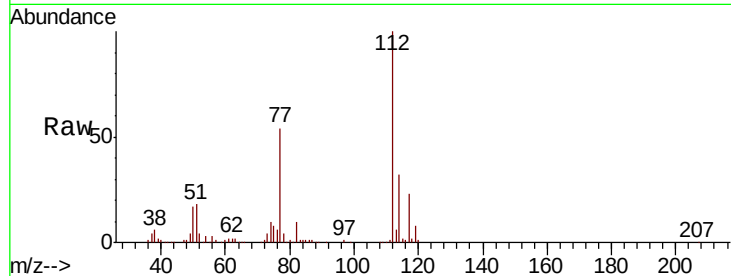
#65
Chlorobenzene
Concen: 22.030 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW006603.D
Acq: 02 Nov 2018 16:06

Instrument :
MSVOA_W
ClientSampleId :
VW1104SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.8	26.2	39.2

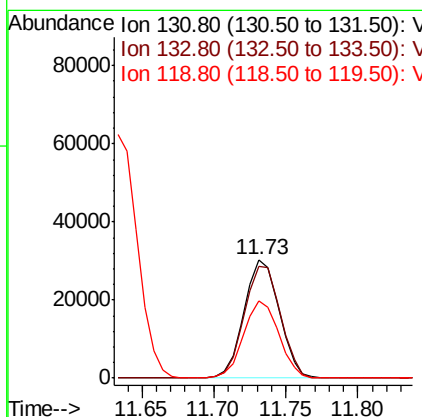
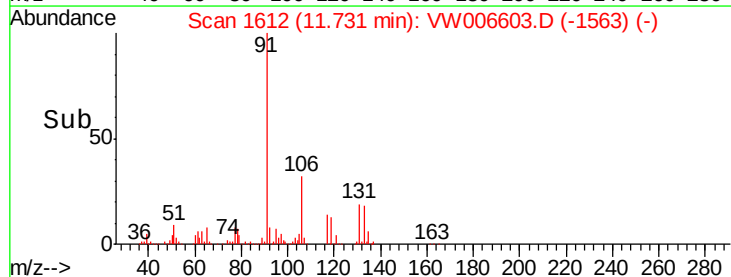
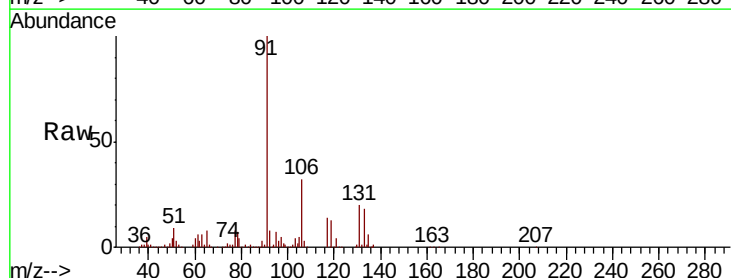
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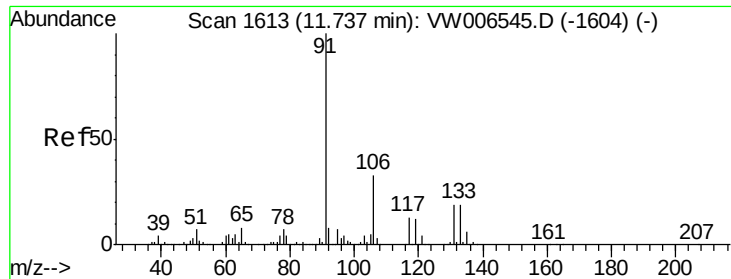
apatel
11/5/2018 10:12:40 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 21.412 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW006603.D
Acq: 02 Nov 2018 16:06

Tgt Ion	Ratio	Lower	Upper
131	100		
133	97.3	47.5	142.5
119	64.9	31.9	95.5





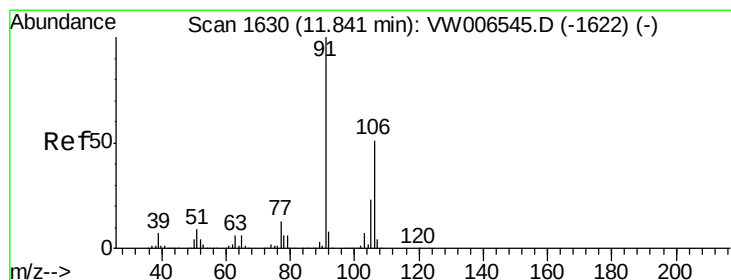
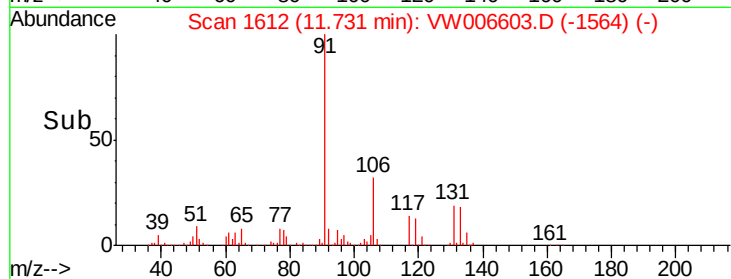
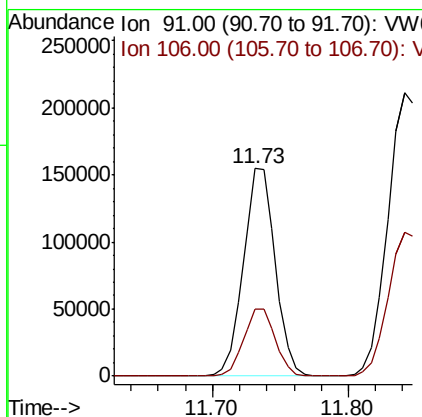
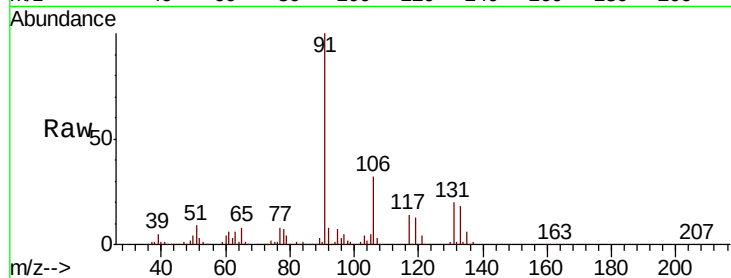
#67
Ethyl Benzene
Concen: 22.157 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.01 min
Lab File: VW006603.D
Acq: 02 Nov 2018 16:06

Instrument :
MSVOA_W
ClientSampleId :
VW1104SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
106	32.1	26.3	39.5

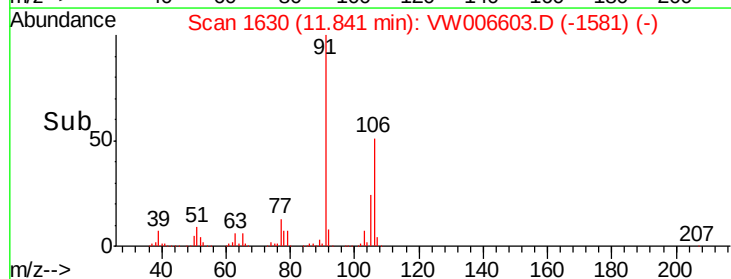
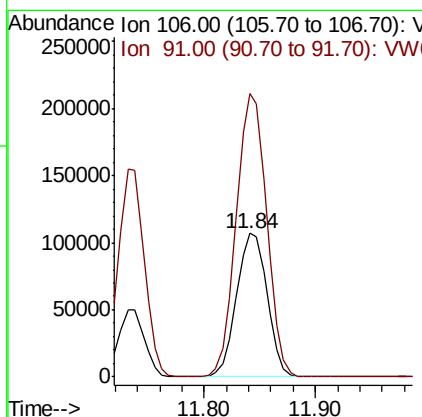
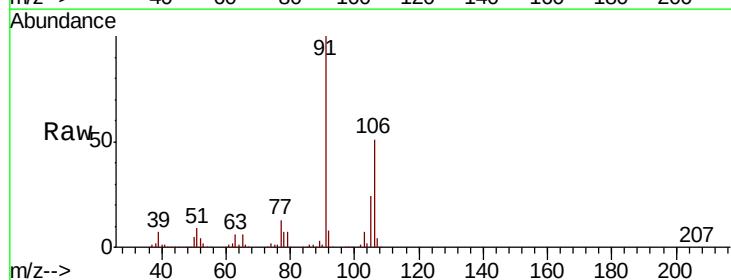
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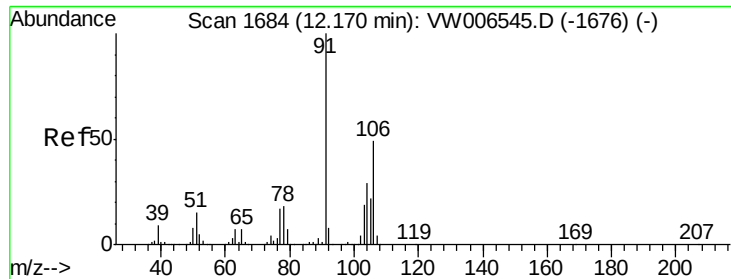
apatel
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#68
m/p-Xylenes
Concen: 44.687 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW006603.D
Acq: 02 Nov 2018 16:06

Tgt Ion	Ratio	Lower	Upper
106	100		
91	195.8	156.7	235.1





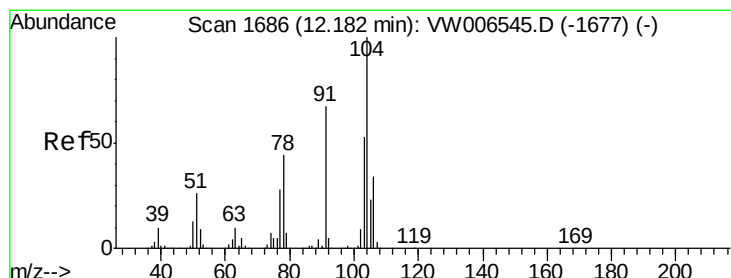
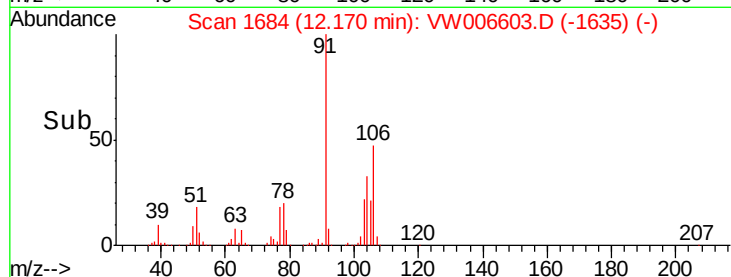
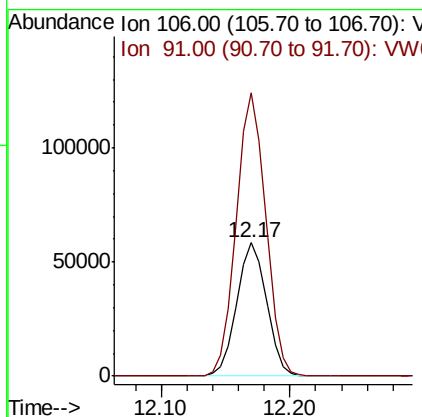
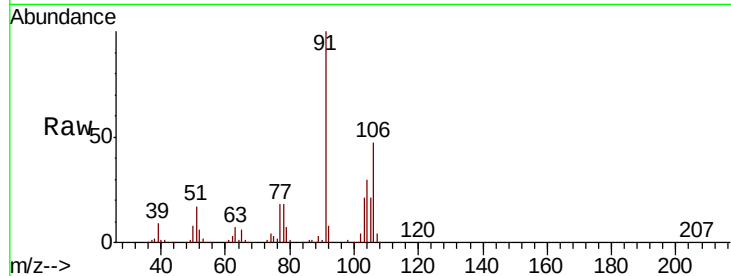
#69
o-Xylene
Concen: 21.526 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006603.D
Acq: 02 Nov 2018 16:06

Instrument :
MSVOA_W
ClientSampleId :
VW1104SBS01

Tot Ion:106 Resp: 93522
Ion Ratio Lower Upper
106 100
91 211.2 102.8 308.4

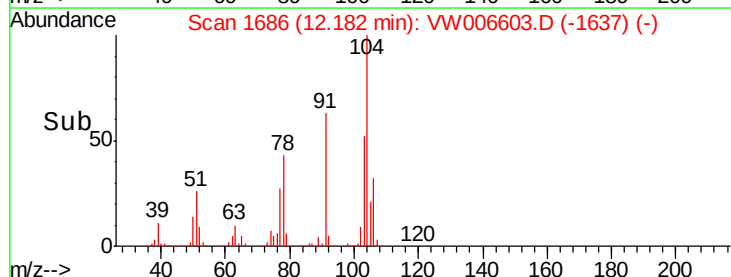
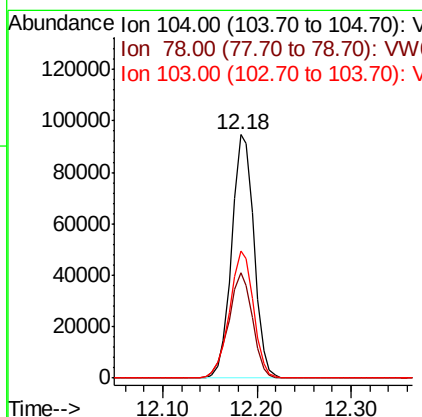
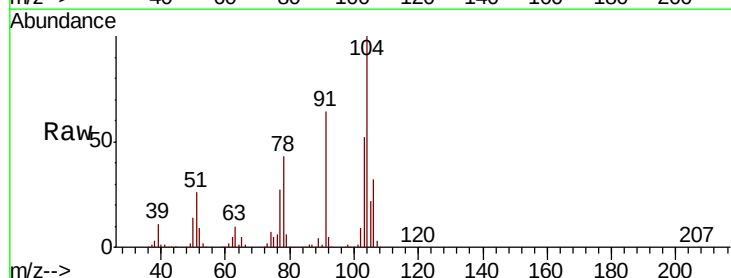
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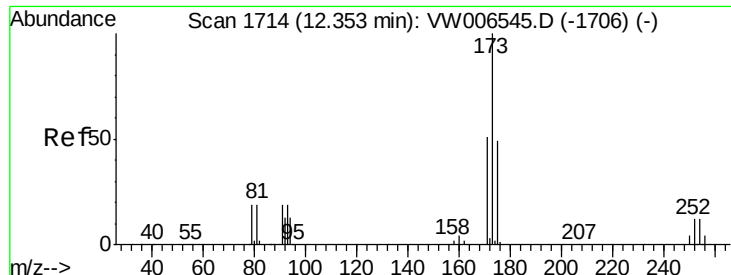
apatel
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#70
Styrene
Concen: 21.917 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW006603.D
Acq: 02 Nov 2018 16:06

Tgt Ion:104 Resp: 155241
Ion Ratio Lower Upper
104 100
78 46.5 37.2 55.8
103 55.8 44.2 66.2





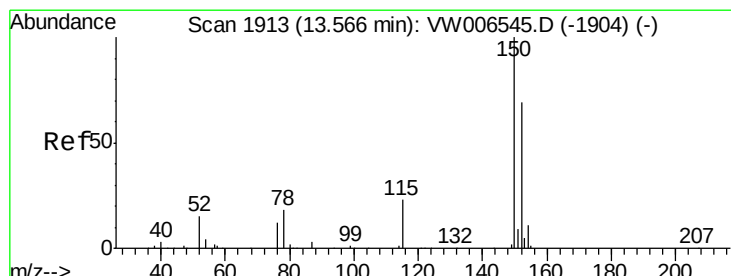
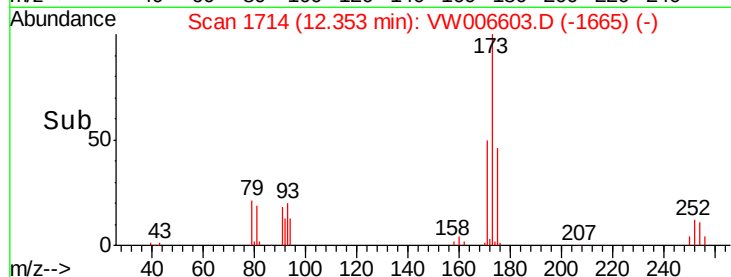
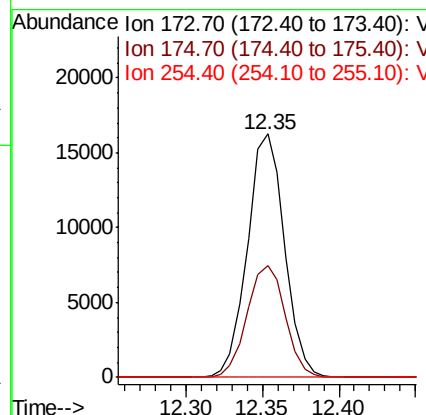
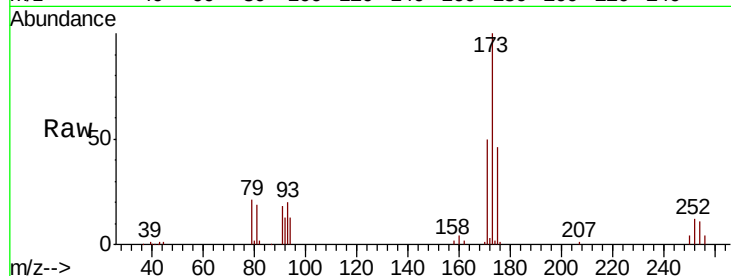
#71
Bromoform
Concen: 21.551 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.00 min
Lab File: VW006603.D
Acq: 02 Nov 2018 16:06

Instrument :
MSVOA_W
ClientSampleId :
VW1104SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.1	24.1	72.4
254	0.0	0.1	0.1#

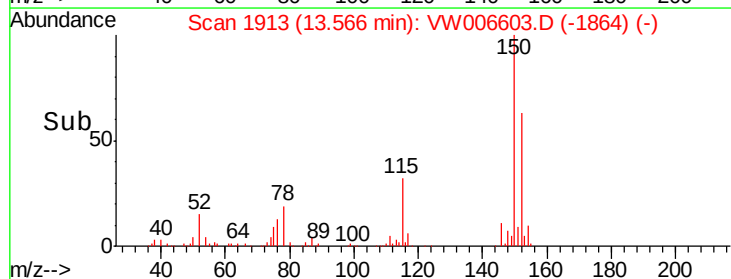
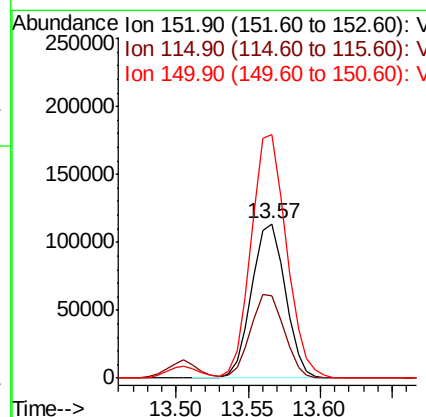
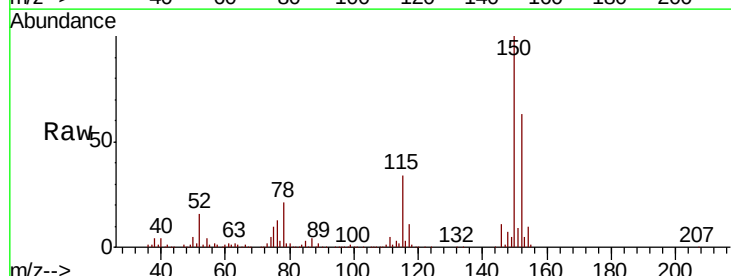
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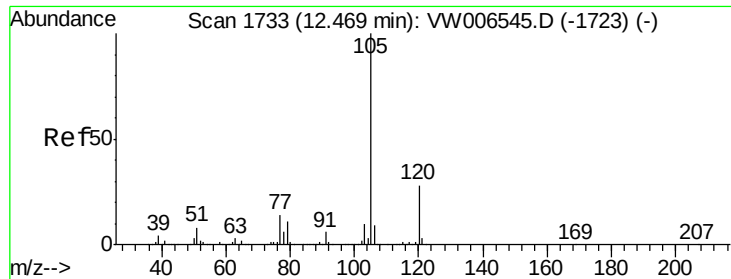
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006603.D
Acq: 02 Nov 2018 16:06

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.4	26.6	79.8
150	165.1	0.0	344.6





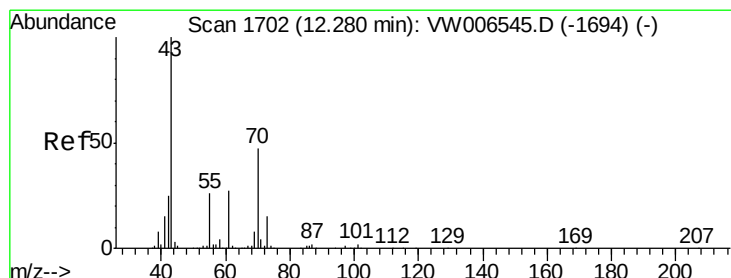
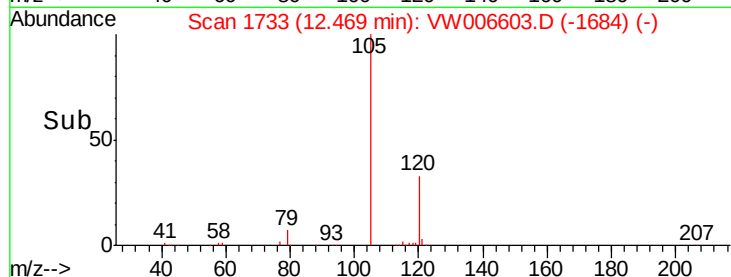
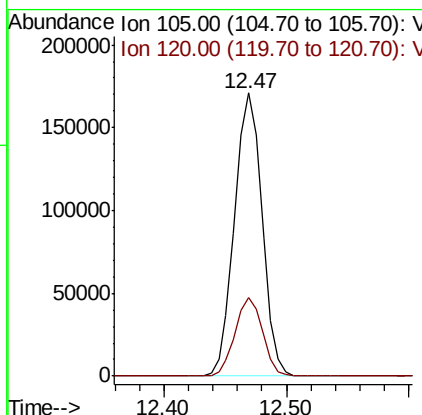
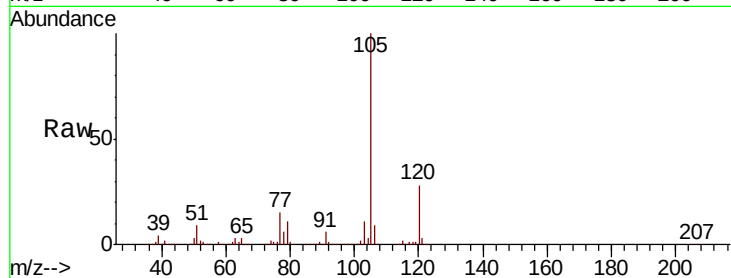
#73
Isopropylbenzene
Concen: 21.938 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VW006603.D
Acq: 02 Nov 2018 16:06

Instrument :
MSVOA_W
ClientSampleId :
VW1104SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.7	13.7	41.1

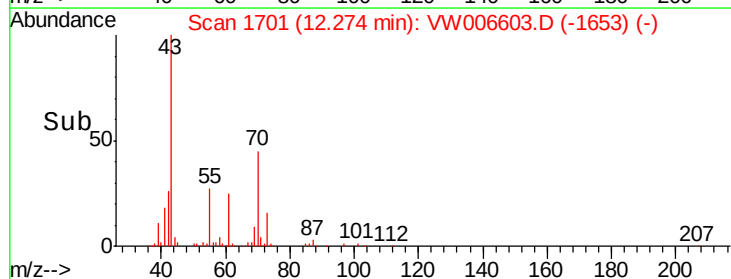
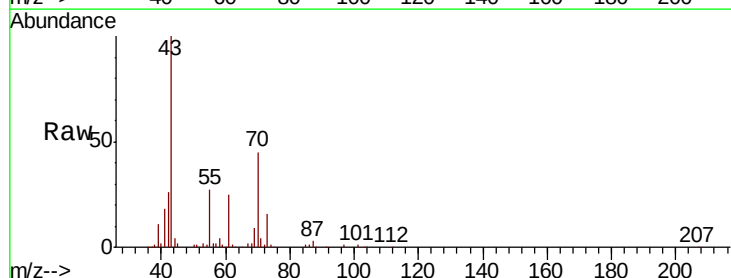
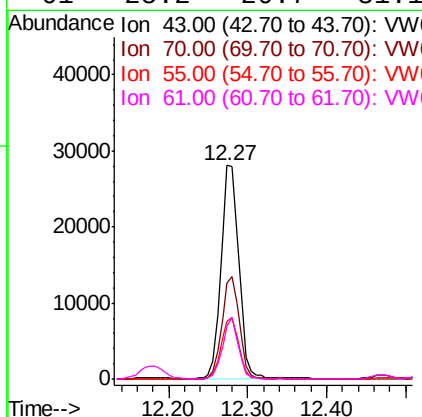
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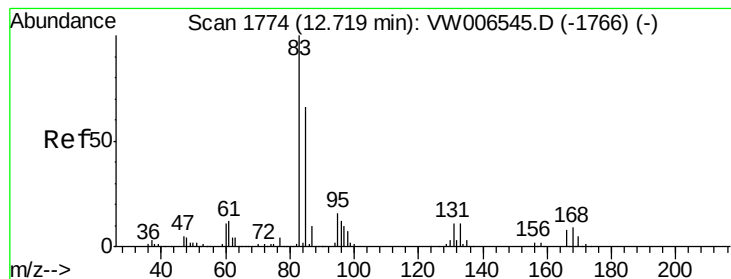
apatel
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#74
N-ethyl acetate
Concen: 21.304 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. -0.01 min
Lab File: VW006603.D
Acq: 02 Nov 2018 16:06

Tgt Ion	Ratio	Lower	Upper
43	100		
70	46.7	36.9	55.3
55	27.9	20.7	31.1
61	25.2	20.7	31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 21.870 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW006603.D

Acq: 02 Nov 2018 16:06

Instrument :

MSVOA_W

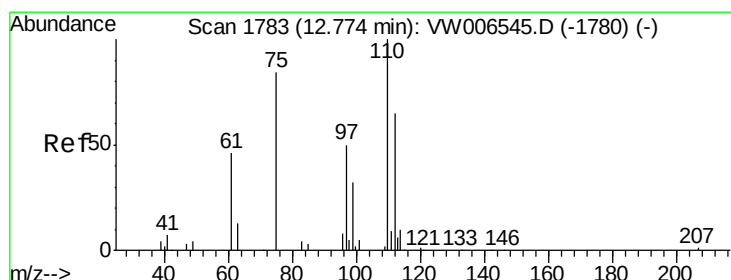
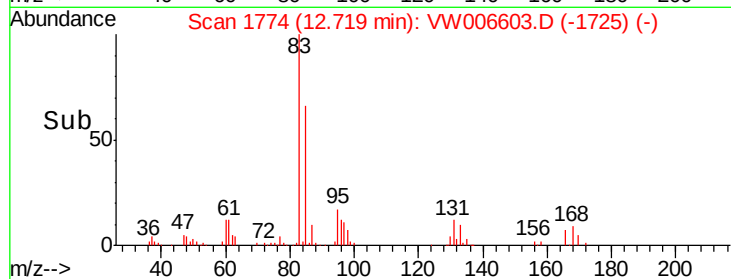
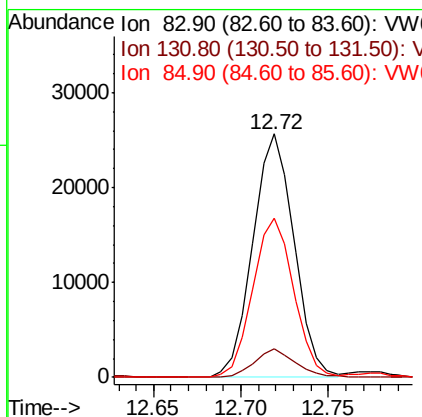
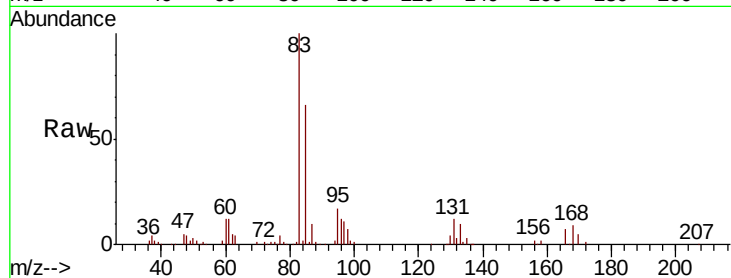
ClientSampled :

VW1104SBS01

Tot Ion:	83	Resp:	41911
Ion Ratio	Lower	Upper	
83	100		
131	11.9	5.9	17.7
85	65.2	32.3	96.8

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#76

1,2,3-Trichloropropane

Concen: 22.108 ug/l m

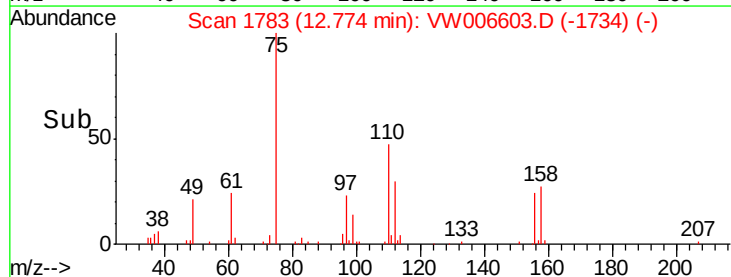
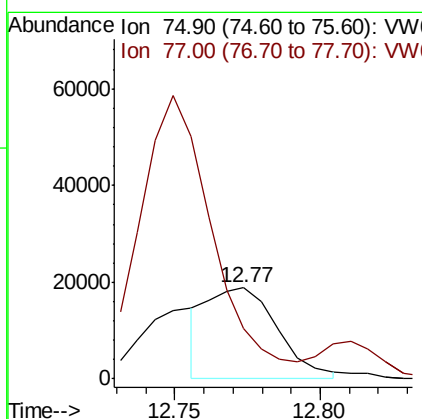
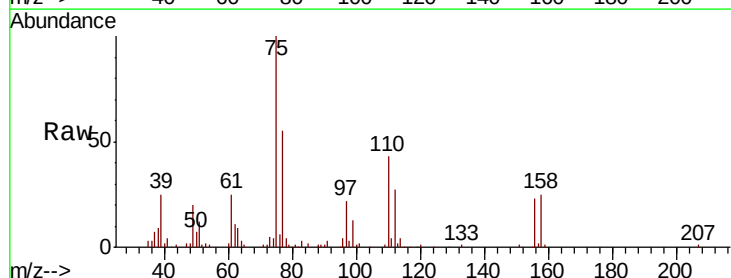
RT: 12.77 min Scan# 1783

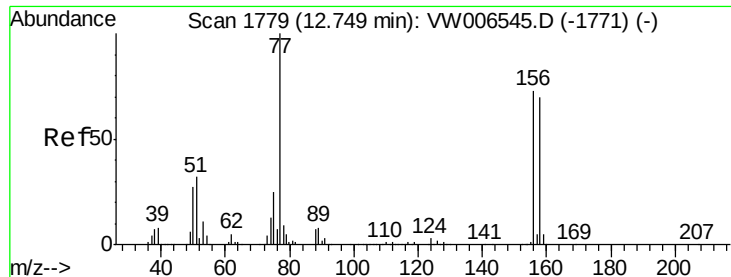
Delta R.T. 0.00 min

Lab File: VW006603.D

Acq: 02 Nov 2018 16:06

Tgt Ion:	75	Resp:	31772
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 21.485 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW006603.D

Acq: 02 Nov 2018 16:06

Instrument :

MSVOA_W

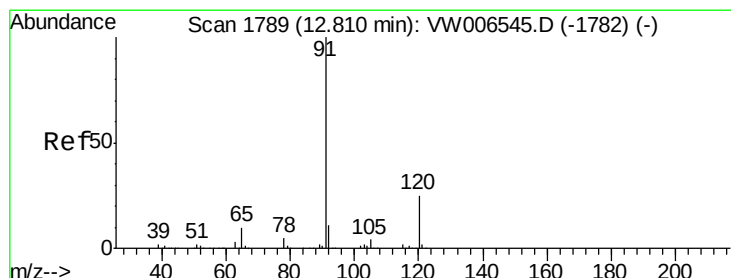
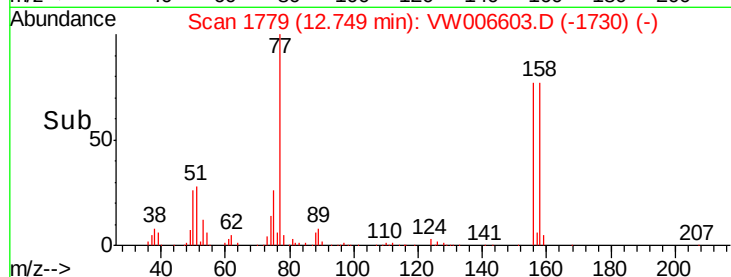
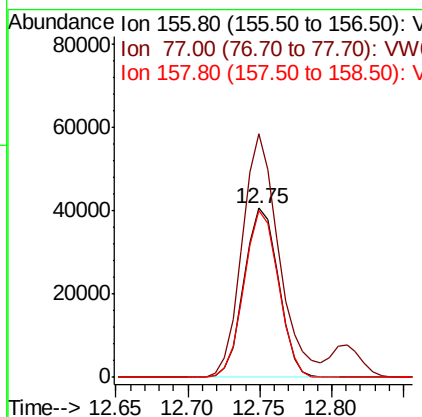
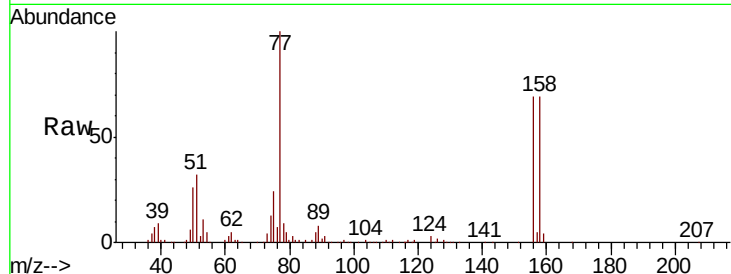
ClientSampleId :

VW1104SBS01

Tot Ion:	156	Resp:	67497
Ion Ratio	Lower	Upper	
156	100		
77	153.8	75.9	227.8
158	98.1	48.6	145.9

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#78

n-propylbenzene

Concen: 22.582 ug/l

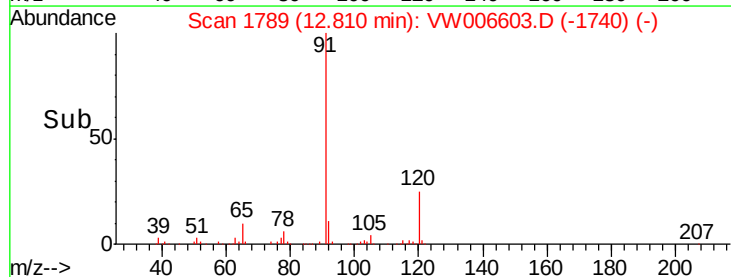
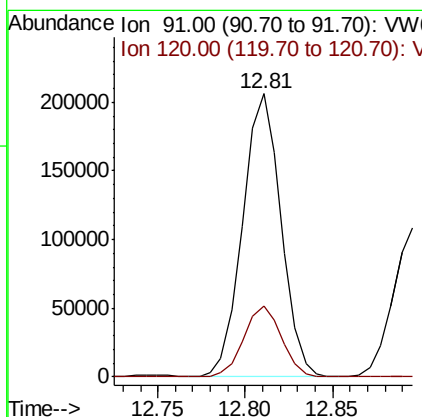
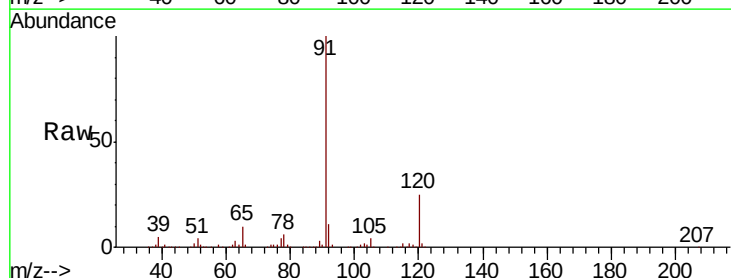
RT: 12.81 min Scan# 1789

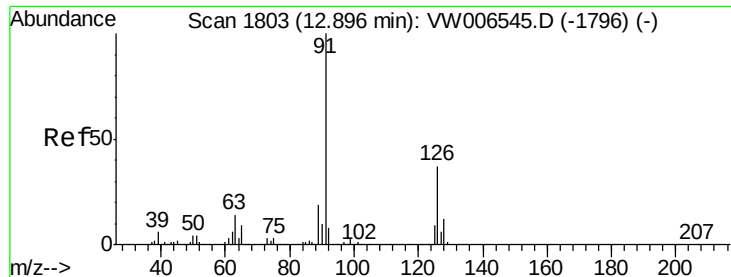
Delta R.T. 0.00 min

Lab File: VW006603.D

Acq: 02 Nov 2018 16:06

Tgt Ion:	91	Resp:	315157
Ion Ratio	Lower	Upper	
91	100		
120	24.7	12.4	37.0





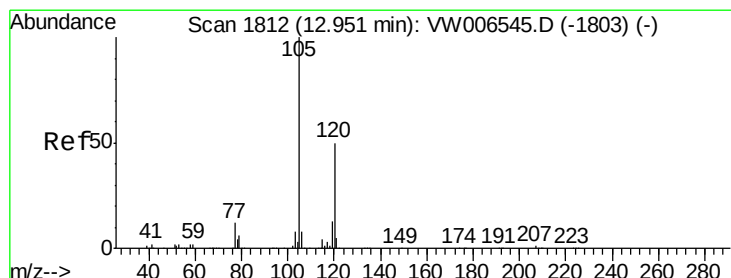
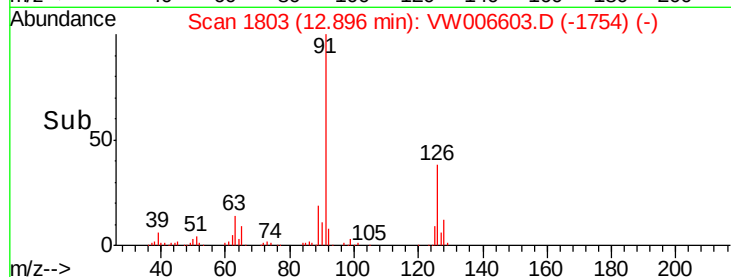
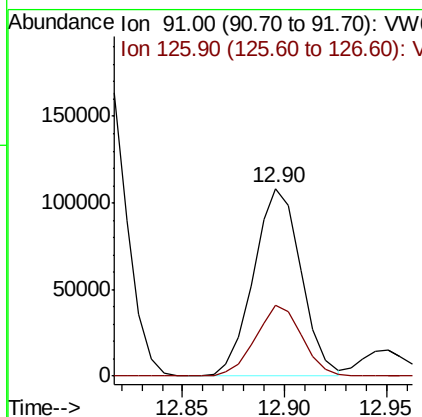
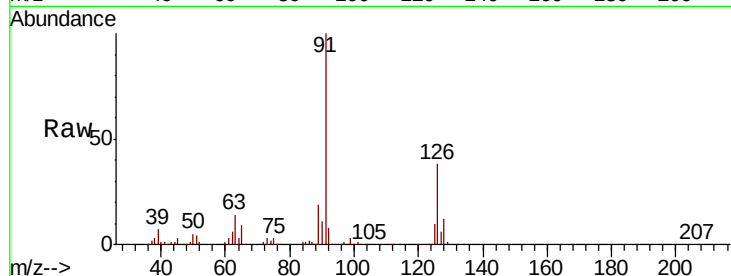
#79
 2-Chlorotoluene
 Concen: 21.936 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VW006603.D
 Acq: 02 Nov 2018 16:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1104SBS01

Tot Ion: 91 Resp: 175701
 Ion Ratio Lower Upper
 91 100
 126 36.8 18.5 55.5

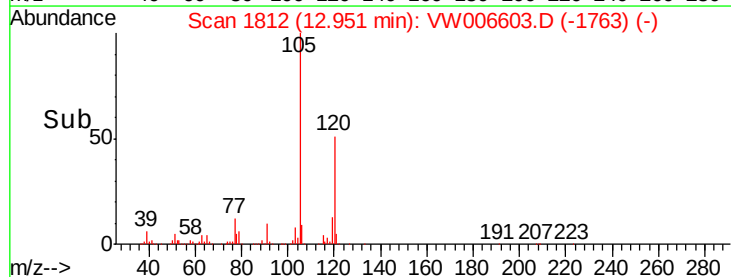
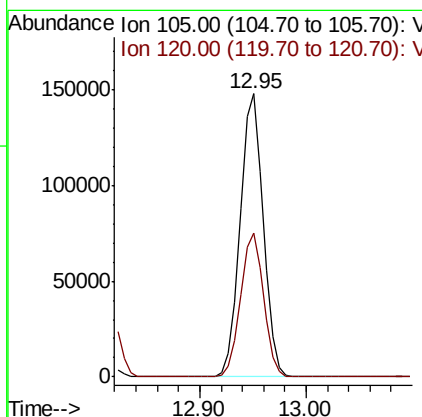
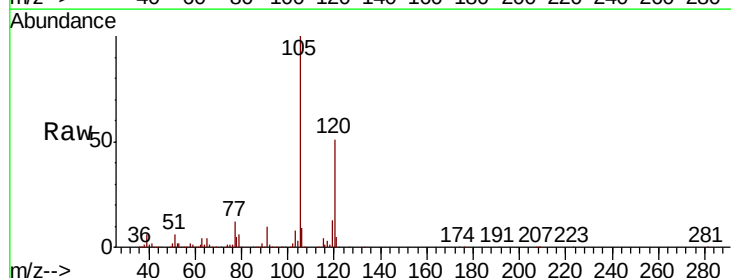
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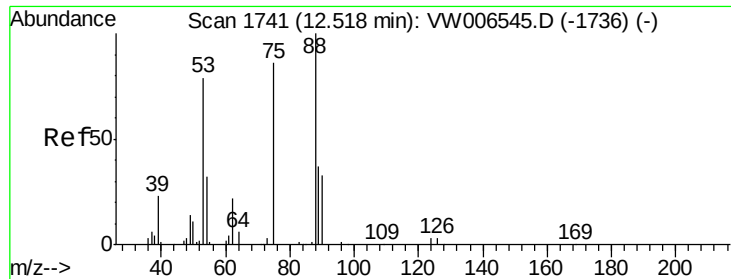
apatel
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#80
 1,3,5-Trimethylbenzene
 Concen: 22.134 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: VW006603.D
 Acq: 02 Nov 2018 16:06

Tgt Ion: 105 Resp: 225627
 Ion Ratio Lower Upper
 105 100
 120 50.8 25.1 75.3





#81

trans-1,4-Dichloro-2-butene

Concen: 21.278 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VW006603.D

Acq: 02 Nov 2018 16:06

Instrument :

MSVOA_W

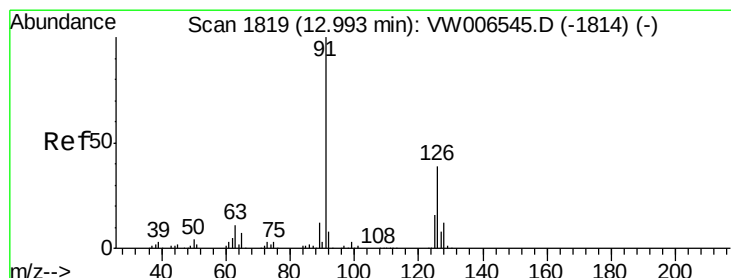
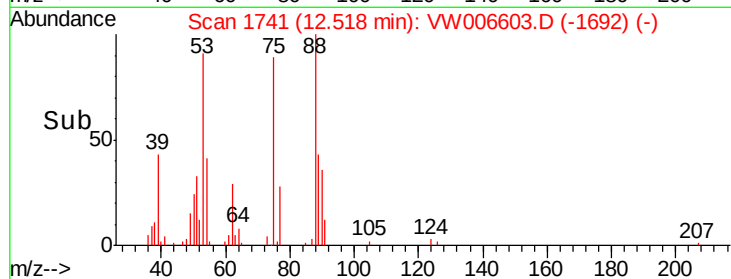
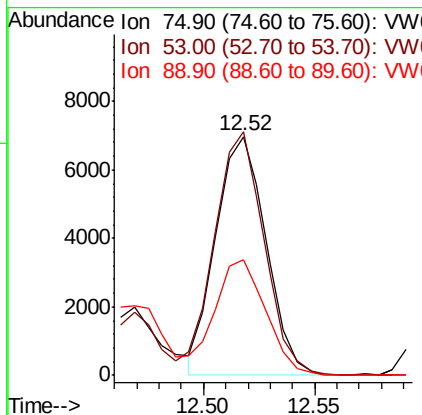
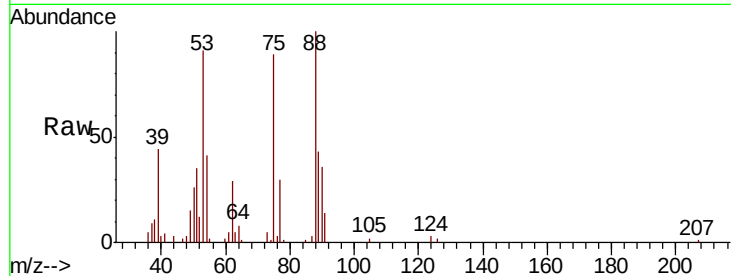
ClientSampleId :

VW1104SBS01

Tot Ion:	75	Resp:	10912
Ion Ratio	Lower	Upper	
75	100		
53	101.8	77.2	115.8
89	50.7	38.6	58.0

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#82

4-Chlorotoluene

Concen: 22.111 ug/l

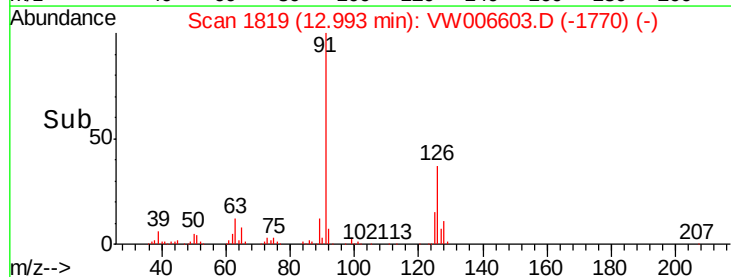
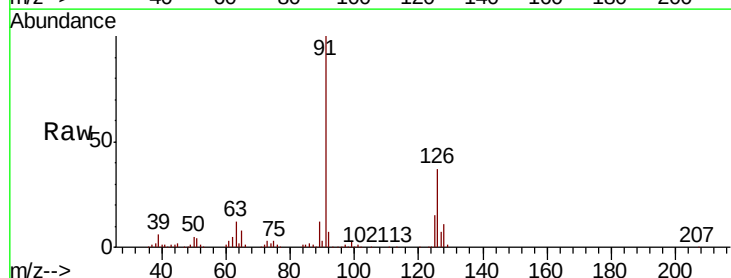
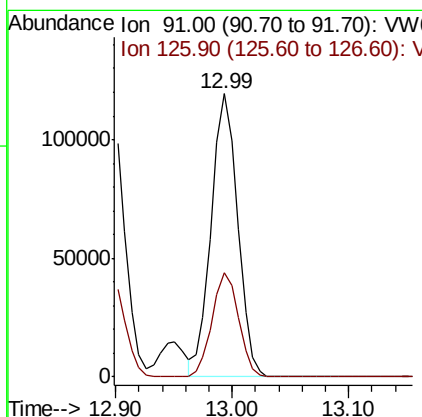
RT: 12.99 min Scan# 1819

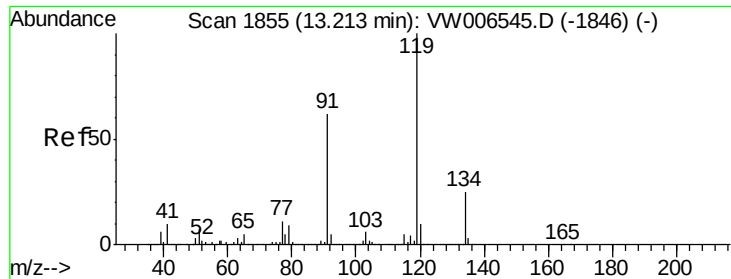
Delta R.T. 0.00 min

Lab File: VW006603.D

Acq: 02 Nov 2018 16:06

Tgt Ion:	91	Resp:	187362
Ion Ratio	Lower	Upper	
91	100		
126	36.8	18.5	55.5





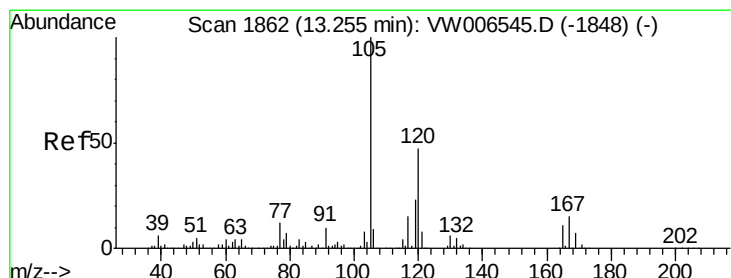
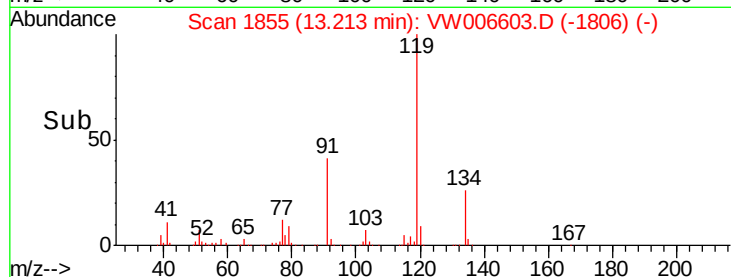
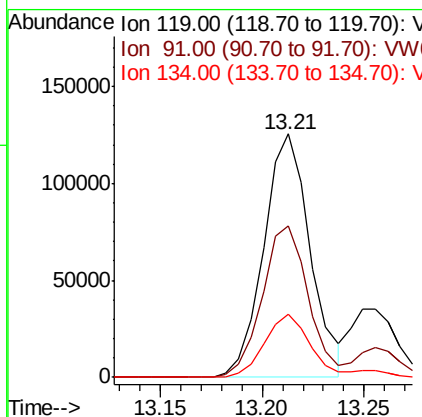
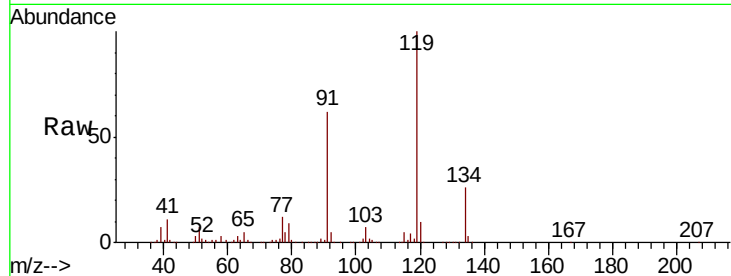
#83
tert-Butylbenzene
Concen: 21.943 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VW006603.D
Acq: 02 Nov 2018 16:06

Instrument :
MSVOA_W
ClientSampleId :
VW1104SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	199474		
91	61.4	30.4	91.3	
134	25.5	13.5	40.4	

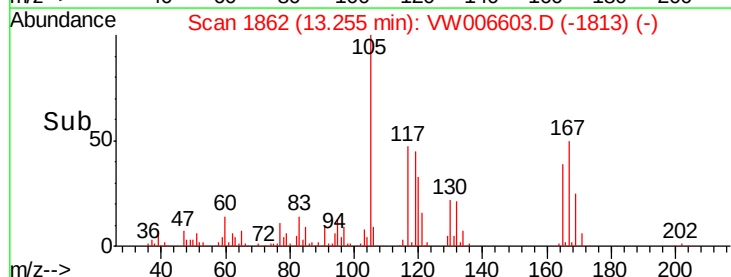
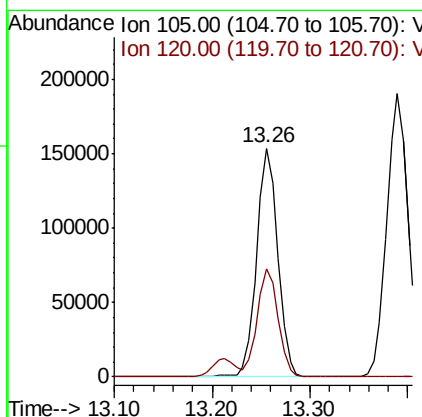
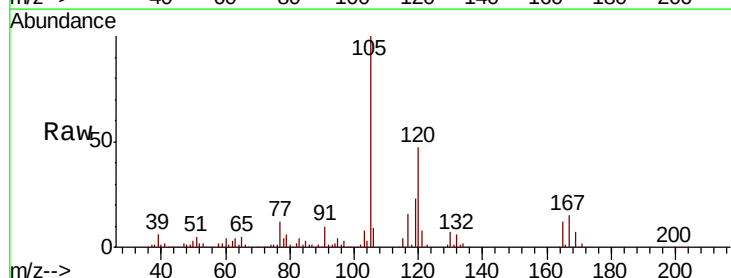
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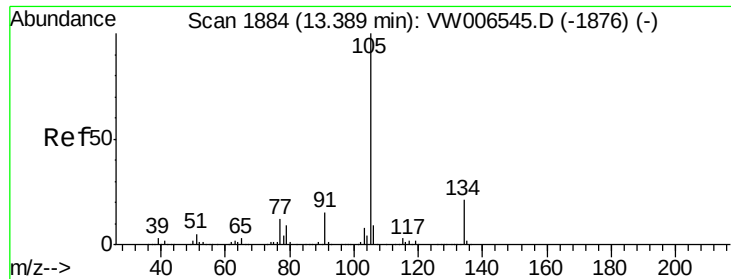
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#84
1,2,4-Trimethylbenzene
Concen: 22.083 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW006603.D
Acq: 02 Nov 2018 16:06

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	230891		
120	46.7	23.2	69.6	





#85

sec-Butylbenzene

Concen: 22.649 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW006603.D

Acq: 02 Nov 2018 16:06

Instrument :

MSVOA_W

ClientSampleId :

VW1104SBS01

Tot Ion:105 Resp: 288360

Ion Ratio Lower Upper

105 100

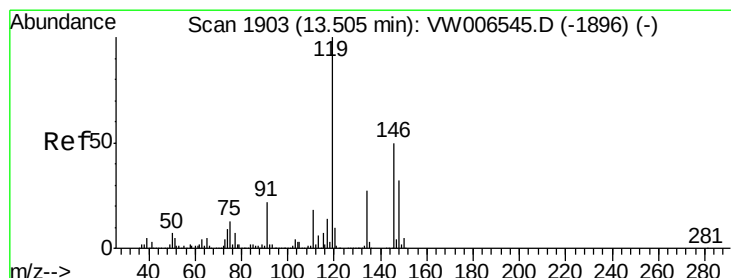
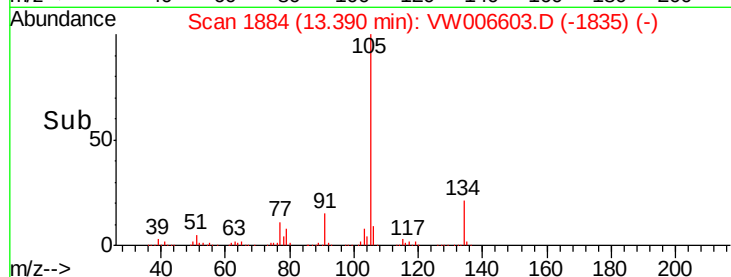
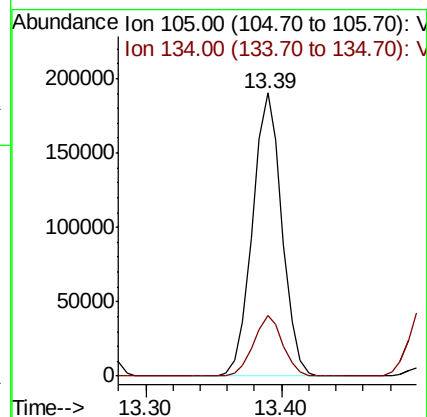
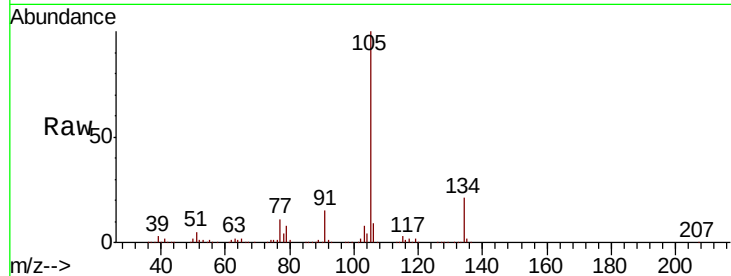
134 21.3 10.6 31.8

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#86

p-Isopropyltoluene

Concen: 22.485 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW006603.D

Acq: 02 Nov 2018 16:06

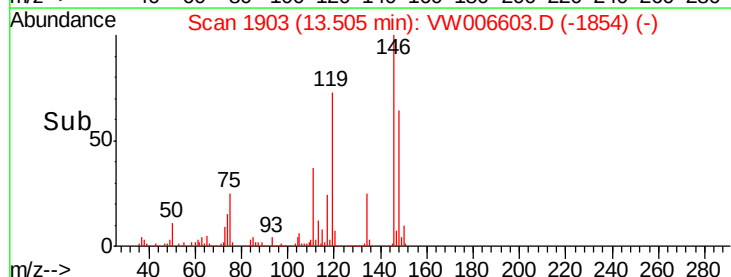
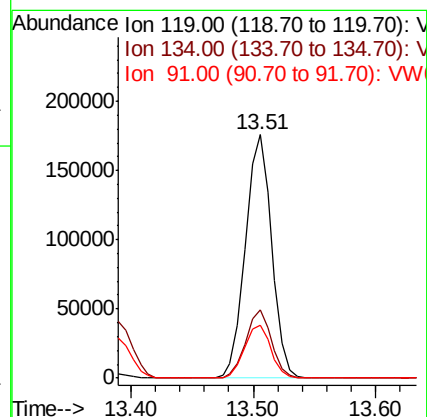
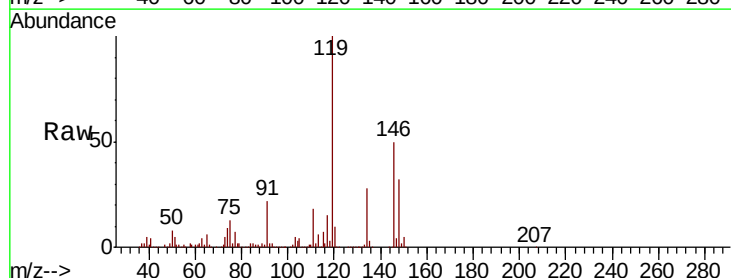
Tgt Ion:119 Resp: 260486

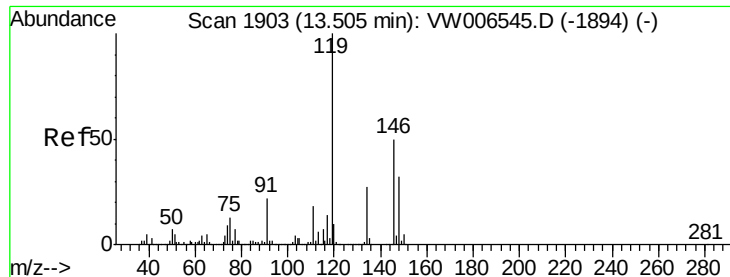
Ion Ratio Lower Upper

119 100

134 27.3 13.6 40.7

91 22.1 10.9 32.6





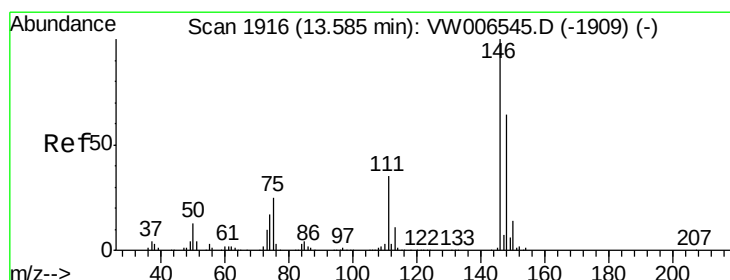
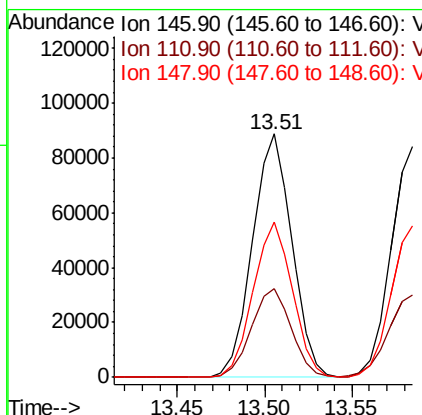
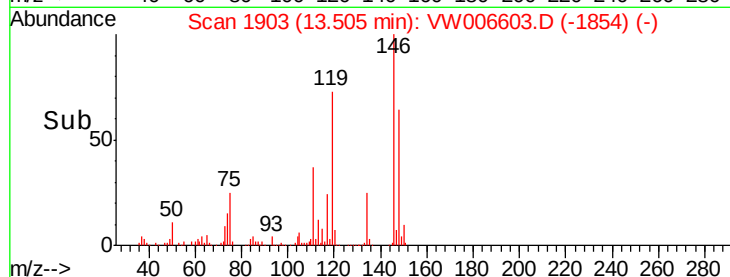
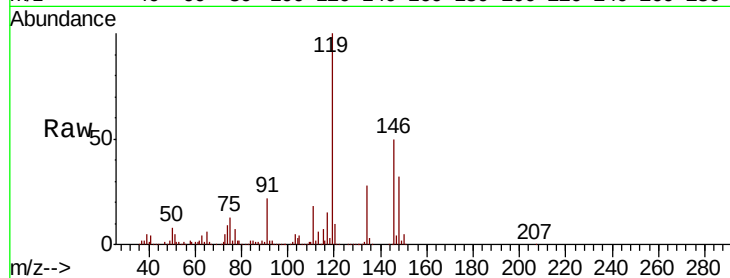
#87
 1,3-Dichlorobenzene
 Concen: 22.470 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006603.D
 Acq: 02 Nov 2018 16:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1104SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.6	55.6
148	63.2	32.1	96.3

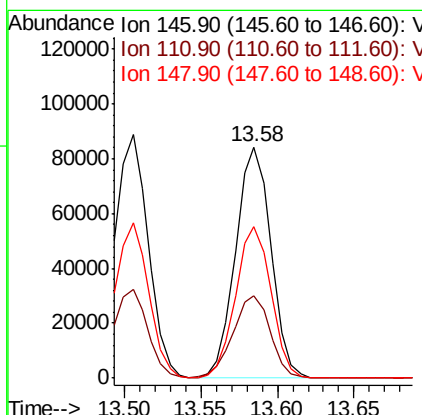
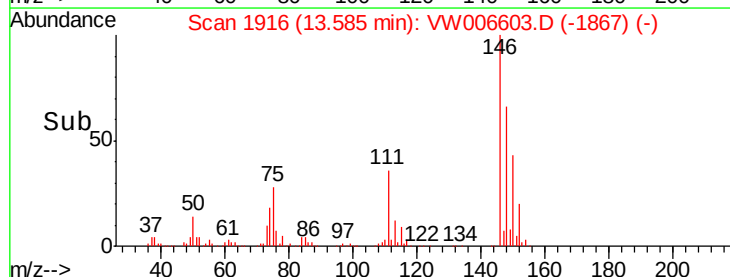
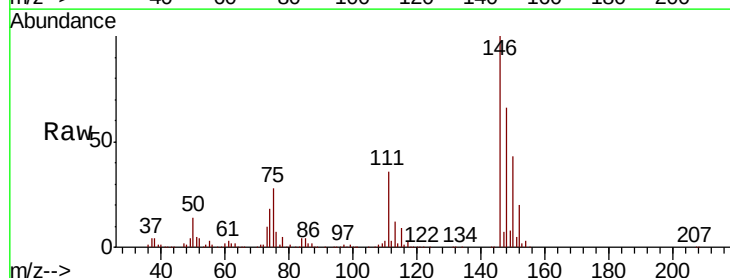
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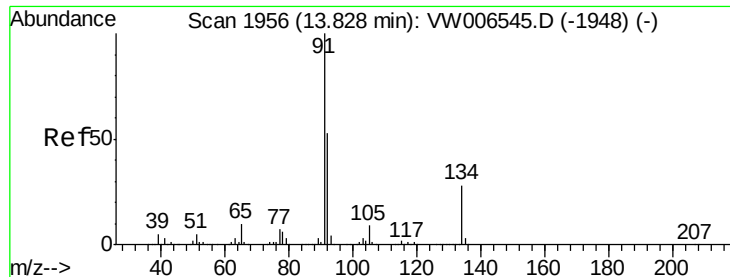
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#88
 1,4-Dichlorobenzene
 Concen: 22.066 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW006603.D
 Acq: 02 Nov 2018 16:06

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	17.9	53.7
148	66.0	32.1	96.5





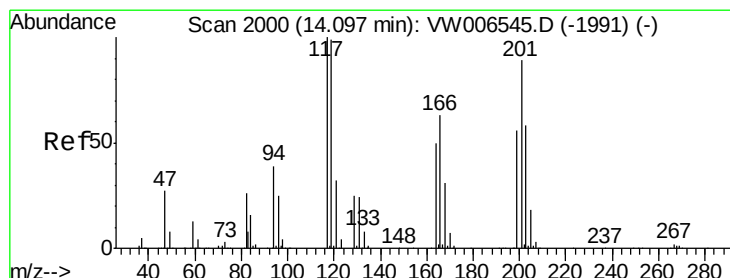
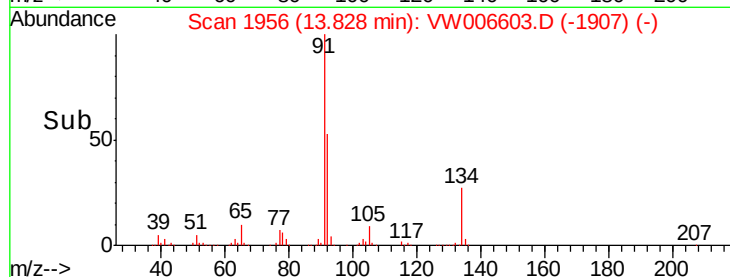
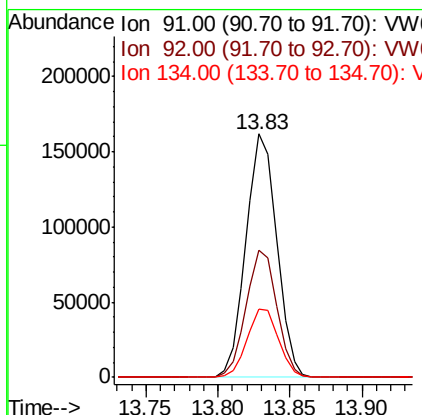
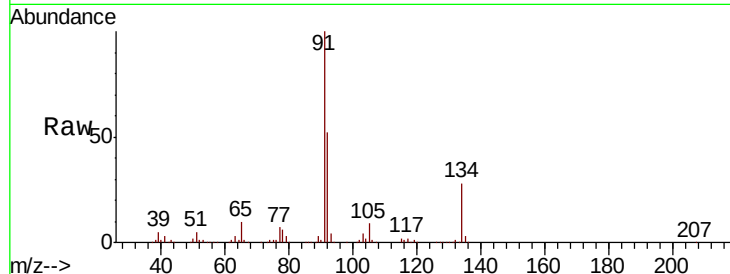
#89
n-Butylbenzene
Concen: 23.292 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW006603.D
Acq: 02 Nov 2018 16:06

Instrument :
MSVOA_W
ClientSampleId :
VW1104SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.3	26.4	79.0
134	28.6	14.3	42.9

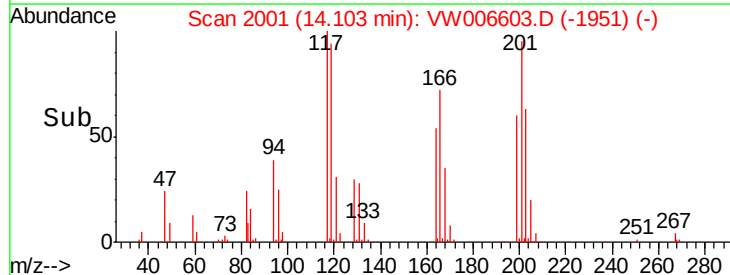
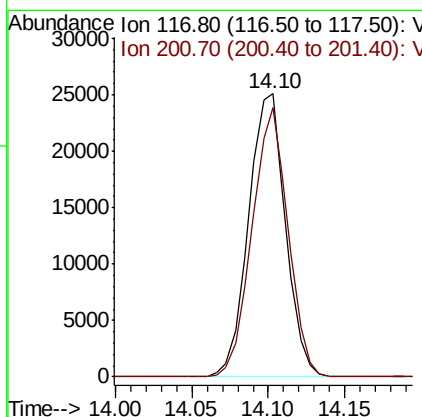
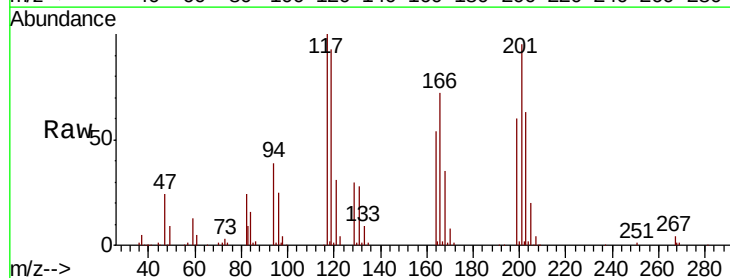
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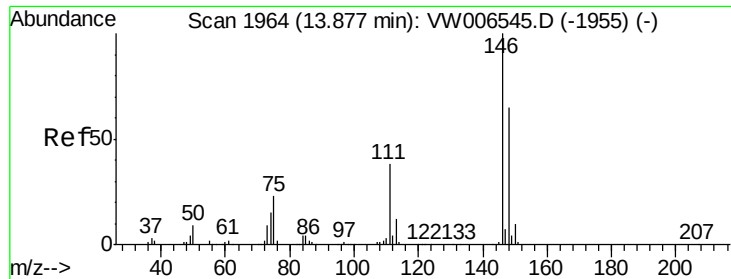
apatel
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#90
Hexachloroethane
Concen: 22.103 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. 0.01 min
Lab File: VW006603.D
Acq: 02 Nov 2018 16:06

Tgt Ion	Ratio	Lower	Upper
117	100		
201	92.6	46.8	140.3





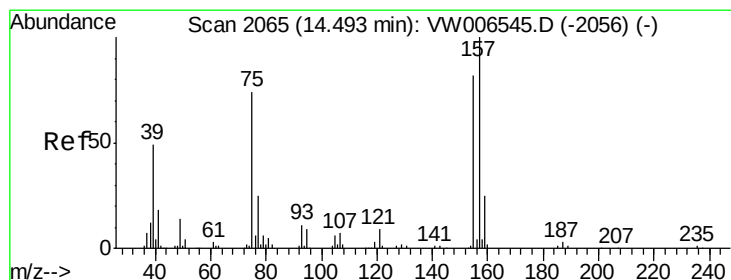
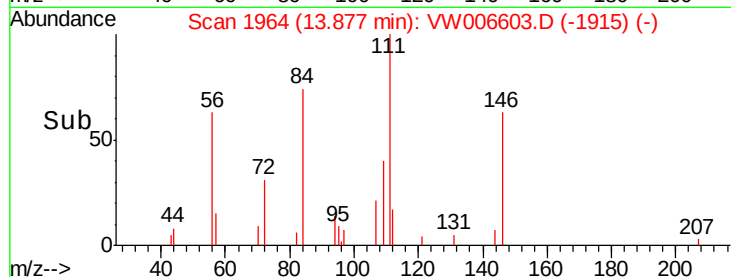
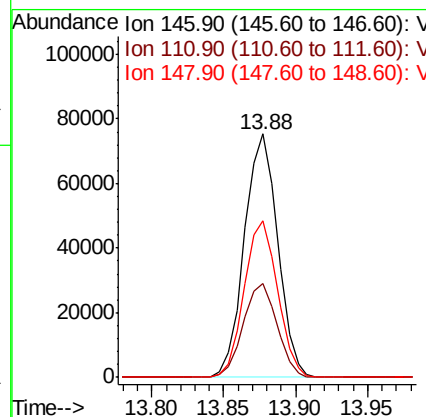
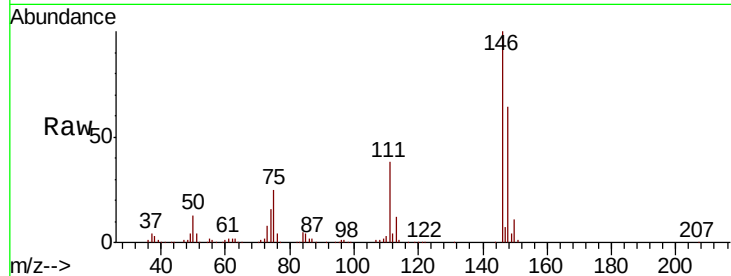
#91
 1,2-Dichlorobenzene
 Concen: 21.728 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW006603.D
 Acq: 02 Nov 2018 16:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1104SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.1	57.5
148	64.5	32.0	96.0

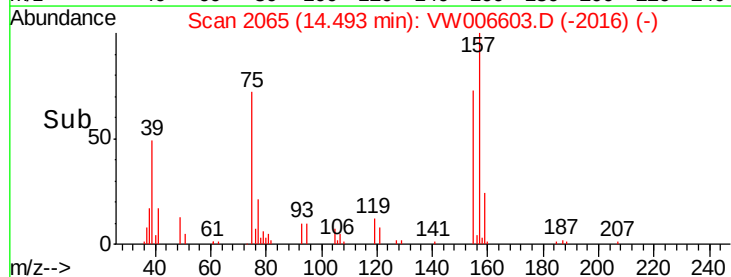
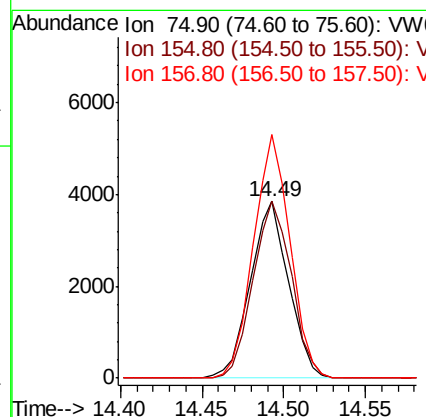
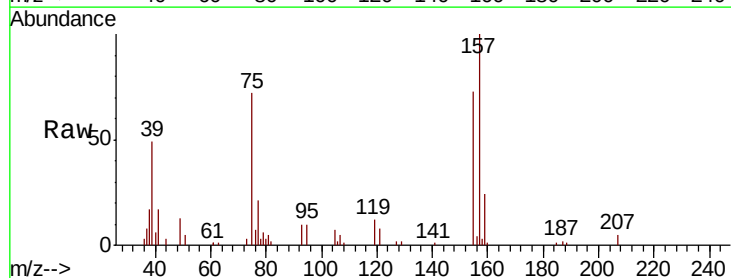
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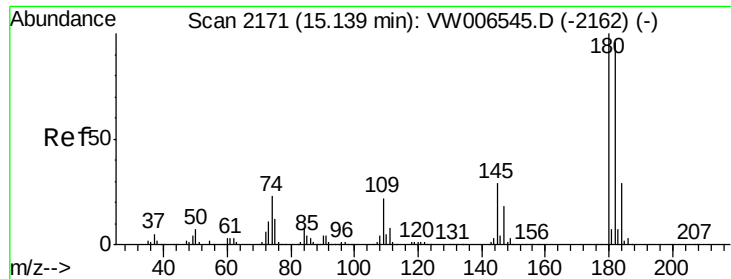
apatel
 11/5/2018 10:12:40 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.186 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: VW006603.D
 Acq: 02 Nov 2018 16:06

Tgt Ion	Ratio	Lower	Upper
75	100		
155	99.7	50.6	151.8
157	131.5	65.0	195.0





#93

1,2,4-Trichlorobenzene

Concen: 21.776 ug/l

RT: 15.14 min Scan# 2171

Delta R.T. 0.00 min

Lab File: VW006603.D

Acq: 02 Nov 2018 16:06

Instrument :

MSVOA_W

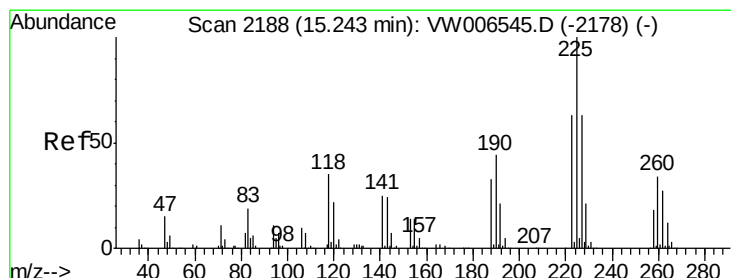
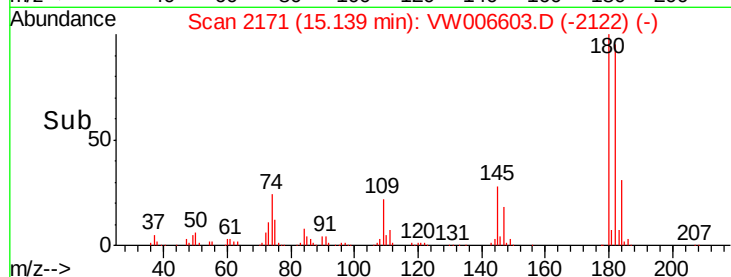
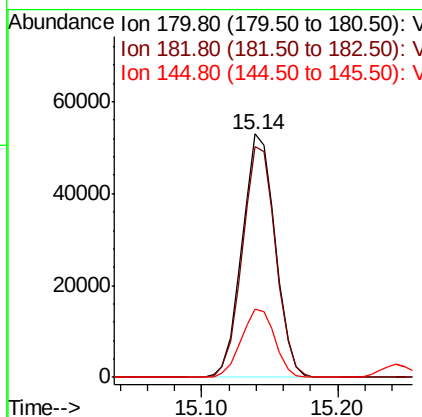
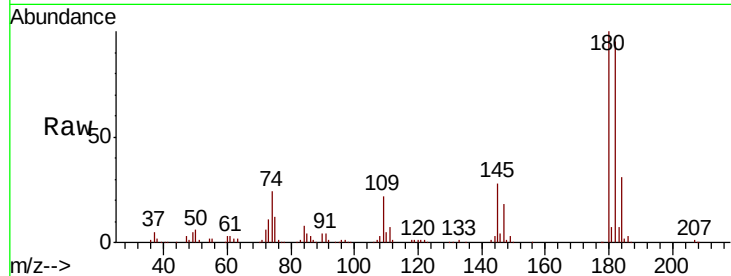
ClientSampleId :

VW1104SBS01

Tot Ion:	180	Resp:	90113
Ion Ratio	Lower	Upper	
180	100		
182	95.6	47.5	142.6
145	28.3	14.0	42.0

Manual Integrations
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#94

Hexachlorobutadiene

Concen: 22.758 ug/l

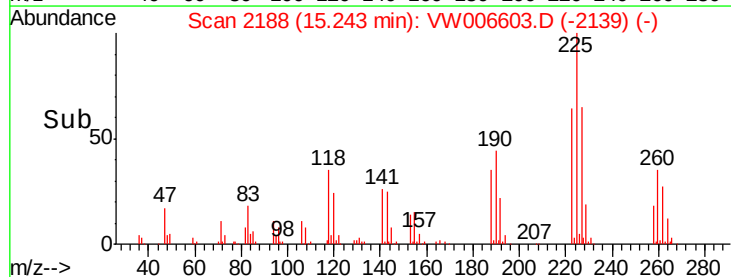
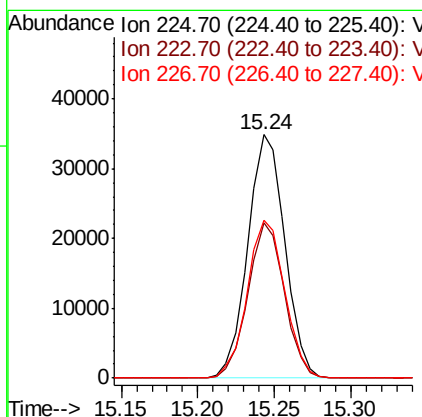
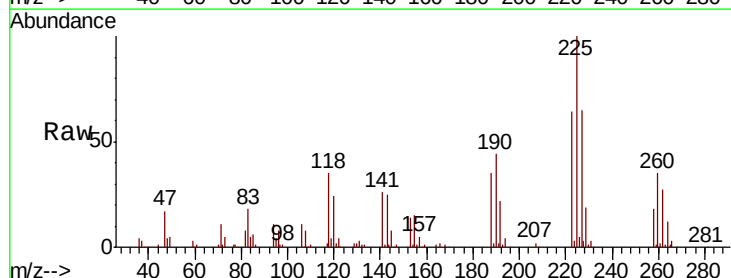
RT: 15.24 min Scan# 2188

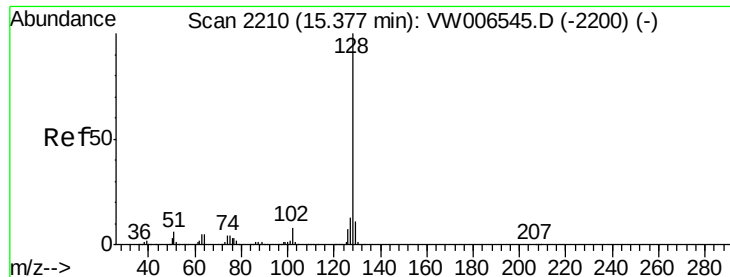
Delta R.T. 0.00 min

Lab File: VW006603.D

Acq: 02 Nov 2018 16:06

Tgt Ion:	225	Resp:	58695
Ion Ratio	Lower	Upper	
225	100		
223	62.7	31.4	94.2
227	65.5	32.2	96.6





#95

Naphthalene

Concen: 20.965 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. 0.00 min

Lab File: VW006603.D

Acq: 02 Nov 2018 16:06

Instrument :

MSVOA_W

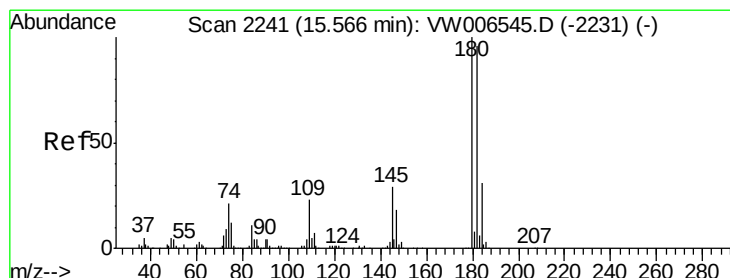
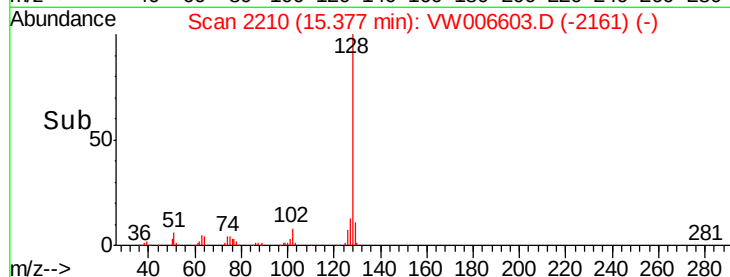
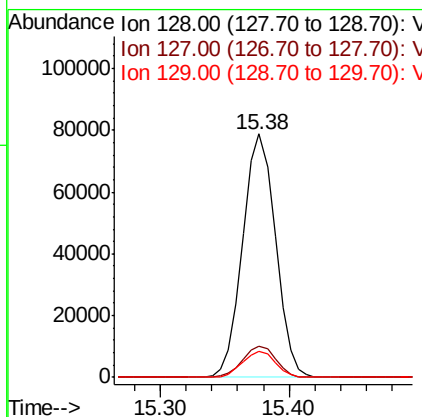
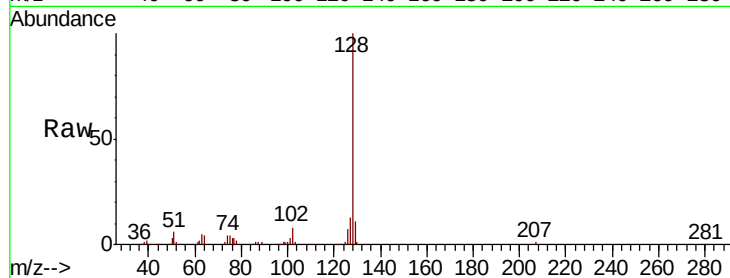
ClientSampled :

VW1104SBS01

Tot Ion:	128	Resp:	139433
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.3	15.5
129	10.8	8.7	13.1

Manual Integrations
APPROVED

apatel
11/5/2018 10:12:40 AM



#96

1,2,3-Trichlorobenzene

Concen: 21.836 ug/l

RT: 15.57 min Scan# 2241

Delta R.T. 0.00 min

Lab File: VW006603.D

Acq: 02 Nov 2018 16:06

Tgt Ion:	180	Resp:	79414
Ion Ratio	Lower	Upper	
180	100		
182	95.1	48.2	144.6
145	29.2	14.9	44.5

