

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110618\
 Data File : VW006708.D
 Acq On : 07 Nov 2018 02:28
 Operator : SY/AP
 Sample : VW1106SBS02
 Misc : 5.07G/5ML/MSVOA W/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1106SBS02

Manual Integrations
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 11/7/2018 2:06:25 PM

Quant Time: Nov 07 12:19:26 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	221244	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	324817	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	304860	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	174565	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	100136	52.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.30%	
35) Dibromofluoromethane	7.88	113	108810	53.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.76%	
50) Toluene-d8	10.33	98	402041	51.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.62%	
62) 4-Bromofluorobenzene	12.62	95	144672	51.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	25066	21.855	ug/l	97
3) Chloromethane	2.21	50	30785	21.694	ug/l	98
4) Vinyl Chloride	2.37	62	44045	22.229	ug/l	97
5) Bromomethane	2.79	94	39072	23.496	ug/l	99
6) Chloroethane	2.93	64	31563	22.798	ug/l	99
7) Trichlorofluoromethane	3.26	101	36191	20.683	ug/l	97
8) Diethyl Ether	3.68	74	20451	21.382	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	41852	22.399	ug/l	99
10) Methyl Iodide	4.26	142	71288	21.042	ug/l	99
11) Tert butyl alcohol	5.23	59	10870	106.082	ug/l #	94
12) 1,1-Dichloroethene	4.03	96	38835	21.520	ug/l	96
13) Acrolein	3.90	56	10983	85.221	ug/l	98
14) Allyl chloride	4.67	41	50867	21.594	ug/l	99
15) Acrylonitrile	5.38	53	37813	110.256	ug/l	100
16) Acetone	4.15	43	32725	106.581	ug/l	98
17) Carbon Disulfide	4.37	76	111701	21.751	ug/l	99
18) Methyl Acetate	4.68	43	18586	21.051	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	56911	21.186	ug/l	99
20) Methylene Chloride	4.91	84	47193	20.151	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	44510	21.797	ug/l	99
22) Diisopropyl ether	6.31	45	109568	22.311	ug/l	96
23) Vinyl Acetate	6.26	43	297932	109.399	ug/l	99
24) 1,1-Dichloroethane	6.21	63	74505	22.385	ug/l	99
25) 2-Butanone	7.18	43	46897	107.036	ug/l	94
26) 2,2-Dichloropropane	7.17	77	42962	21.428	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	50330	22.030	ug/l	99
28) Bromochloromethane	7.51	49	28162	21.309	ug/l	99
29) Tetrahydrofuran	7.54	42	29489	107.007	ug/l	98
30) Chloroform	7.68	83	83011	22.748	ug/l	99
31) Cyclohexane	7.96	56	62493	20.630	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	68541	22.197	ug/l	98
36) 1,1-Dichloropropene	8.08	75	62045	21.721	ug/l	99
37) Ethyl Acetate	7.26	43	22358	22.587	ug/l	99
38) Carbon Tetrachloride	8.07	117	64886	21.739	ug/l	98

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	74141	20.453	ug/l	98
40) Benzene	8.32	78	182772	22.527	ug/l	99
41) Methacrylonitrile	7.49	41	11572	19.064	ug/l	95
42) 1,2-Dichloroethane	8.40	62	51159	21.987	ug/l	100
43) Isopropyl Acetate	8.43	43	41973	21.249	ug/l	99
44) Trichloroethene	9.09	130	54658	21.831	ug/l	98
45) 1,2-Dichloropropane	9.37	63	43129	22.842	ug/l	97
46) Dibromomethane	9.46	93	24902	22.436	ug/l	99
47) Bromodichloromethane	9.65	83	58330	22.634	ug/l	99
48) Methyl methacrylate	9.44	41	20117	21.138	ug/l	97
49) 1,4-Dioxane	9.48	88	7357	452.920	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	107074	105.546	ug/l	99
52) Toluene	10.39	92	119090	21.884	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	52951	21.349	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	63556	21.684	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	35257	22.388	ug/l	97
56) Ethyl methacrylate	10.65	69	36598	20.447	ug/l	97
57) 1,3-Dichloropropane	10.93	76	56881	22.243	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	90750	104.298	ug/l	100
59) 2-Hexanone	10.98	43	71758	104.144	ug/l	98
60) Dibromochloromethane	11.13	129	41700	22.349	ug/l	99
61) 1,2-Dibromoethane	11.24	107	34019	21.753	ug/l	100
64) Tetrachloroethene	10.87	164	52316	21.528	ug/l	97
65) Chlorobenzene	11.66	112	141894	22.119	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	49524	21.964	ug/l	99
67) Ethyl Benzene	11.74	91	232540	21.687	ug/l	98
68) m/p-Xylenes	11.84	106	188549	44.013	ug/l	99
69) o-Xylene	12.17	106	88095	21.600	ug/l	100
70) Styrene	12.18	104	144022	21.660	ug/l	100
71) Bromoform	12.35	173	25741	21.536	ug/l #	99
73) Isopropylbenzene	12.47	105	238713	20.759	ug/l	100
74) N-amyl acetate	12.28	43	40043	20.151	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	38835	21.382	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	28692m	21.066	ug/l	
77) Bromobenzene	12.75	156	63920	21.469	ug/l	99
78) n-propylbenzene	12.81	91	282559	21.362	ug/l	100
79) 2-Chlorotoluene	12.90	91	162693	21.432	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	206595	21.384	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	9773	20.254	ug/l	98
82) 4-Chlorotoluene	12.99	91	172649	21.498	ug/l	99
83) tert-Butylbenzene	13.21	119	180937	21.002	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	212750	21.470	ug/l	100
85) sec-Butylbenzene	13.39	105	255649	21.187	ug/l	100
86) p-Isopropyltoluene	13.51	119	231964	21.127	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	127897	21.812	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	126609	21.783	ug/l	99
89) n-Butylbenzene	13.83	91	207470	21.287	ug/l	99
90) Hexachloroethane	14.10	117	38989	21.606	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	115483	21.895	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	5906	20.040	ug/l	96

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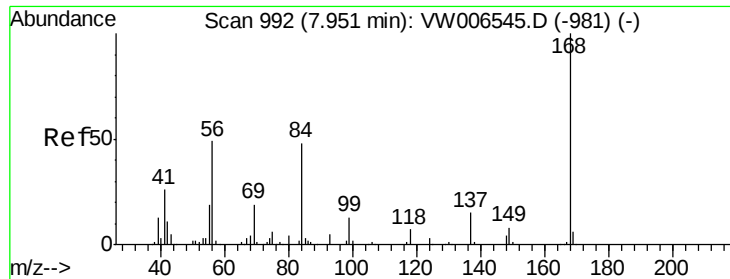
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	83912	21.396	ug/l	99
94) Hexachlorobutadiene	15.24	225	51365	21.014	ug/l	99
95) Naphthalene	15.38	128	125988	19.988	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	73317	21.271	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: VW006708.D

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Instrument :

MSVOA_W

ClientSampleId :

VW1106SBS02

Tot Ion:168 Resp: 221244

Ion Ratio Lower Upper

168 100

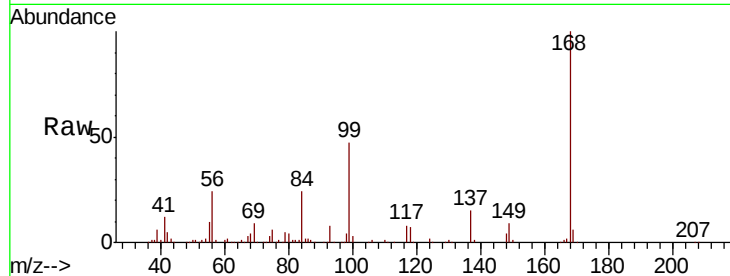
99 46.6 37.4 56.0

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

120000

100000

80000

60000

40000

20000

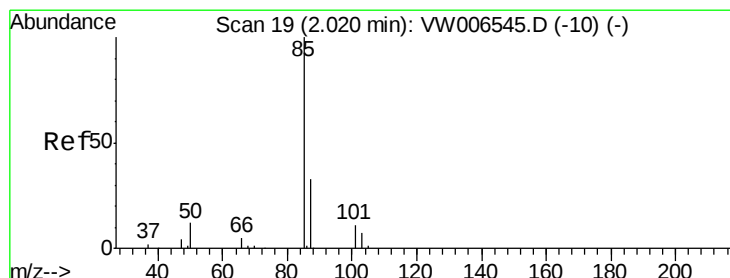
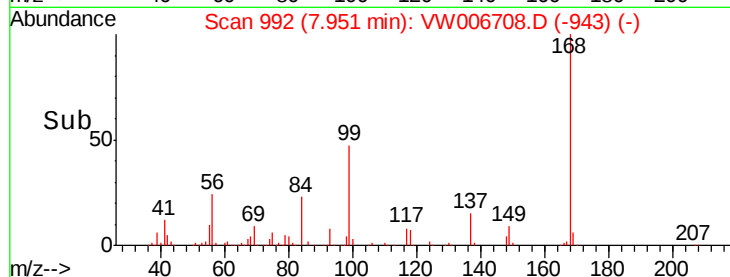
0

7.90

8.00

8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 21.855 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.01 min

Lab File: VW006708.D

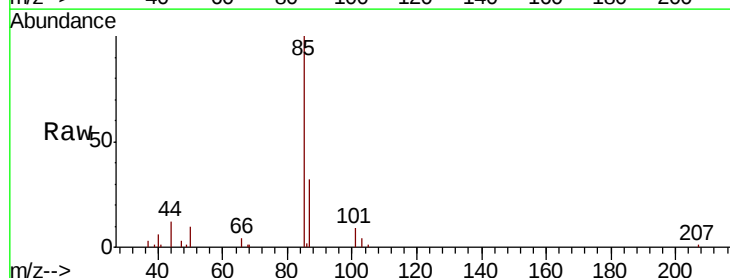
Acq: 07 Nov 2018 02:28

Tgt Ion: 85 Resp: 25066

Ion Ratio Lower Upper

85 100

87 31.5 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

8000

6000

4000

2000

0

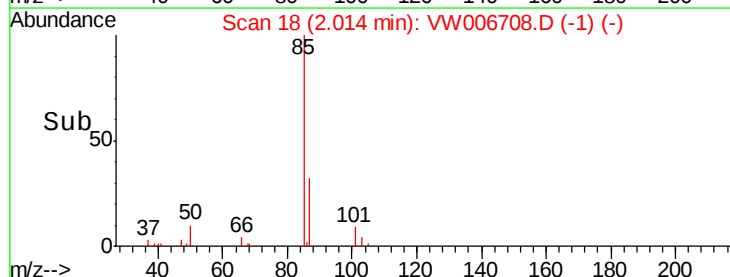
1.90

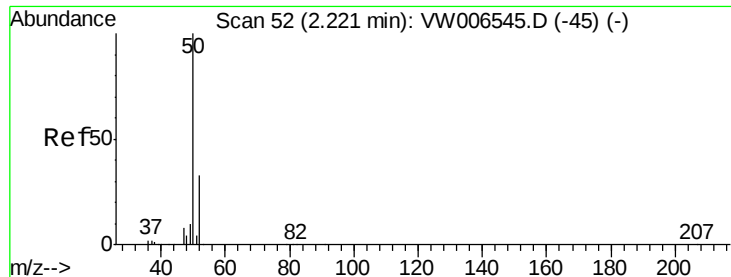
2.00

2.10

2.20

Time-->





#3

Chloromethane

Concen: 21.694 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW006708.D

Acq: 07 Nov 2018 02:28

Instrument :

MSVOA_W

ClientSampleId :

VW1106SBS02

Tot Ion: 50 Resp: 30785

Ion Ratio Lower Upper

50 100

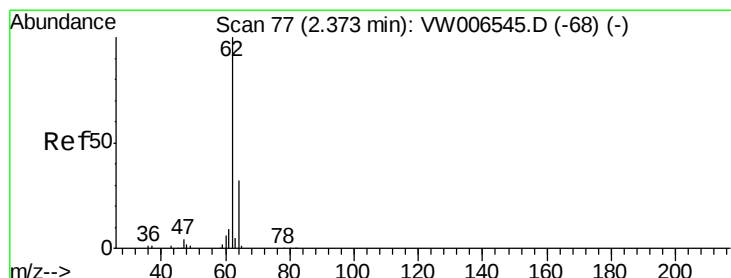
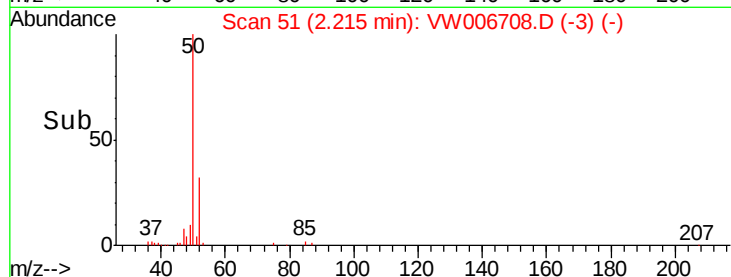
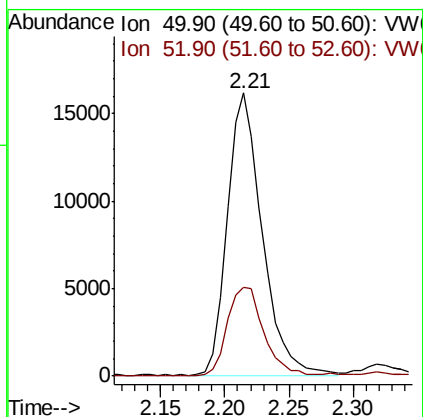
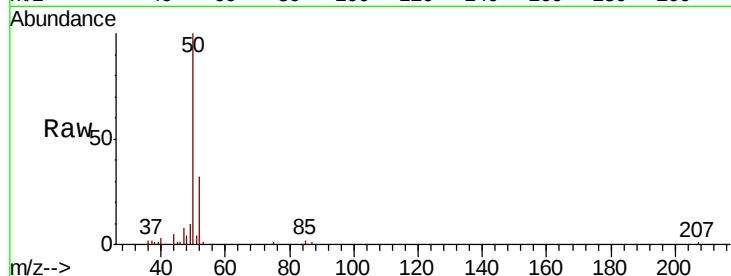
52 31.5 26.2 39.4

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#4

Vinyl Chloride

Concen: 22.229 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.01 min

Lab File: VW006708.D

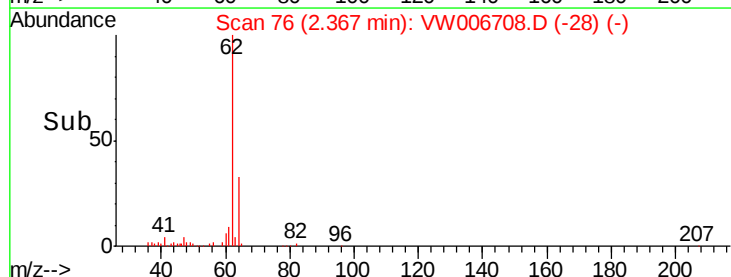
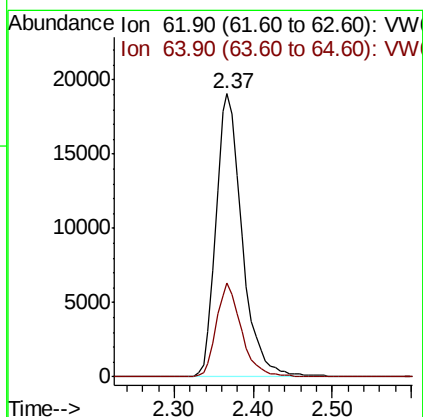
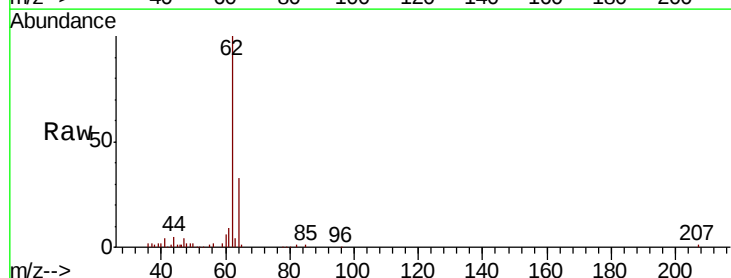
Acq: 07 Nov 2018 02:28

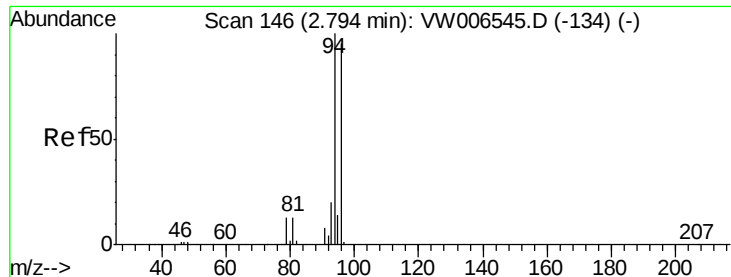
Tgt Ion: 62 Resp: 44045

Ion Ratio Lower Upper

62 100

64 33.2 25.4 38.0





#5

Bromomethane

Concen: 23.496 ug/l

RT: 2.79 min Scan# 145

Delta R.T. -0.01 min

Lab File: VW006708.D

Acq: 07 Nov 2018 02:28

Instrument :

MSVOA_W

ClientSampleId :

VW1106SBS02

Tot Ion: 94 Resp: 39072

Ion Ratio Lower Upper

94 100

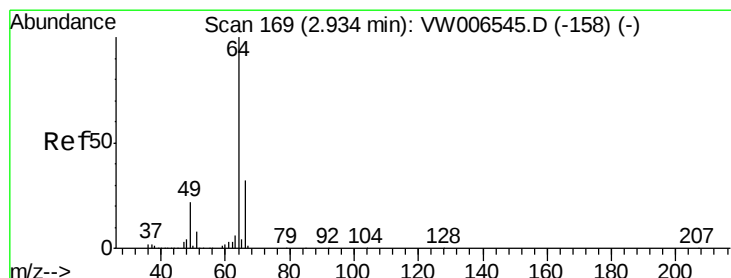
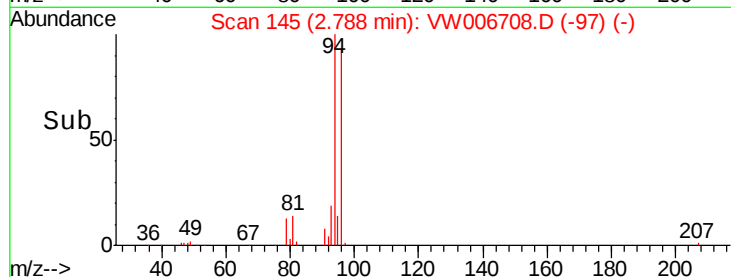
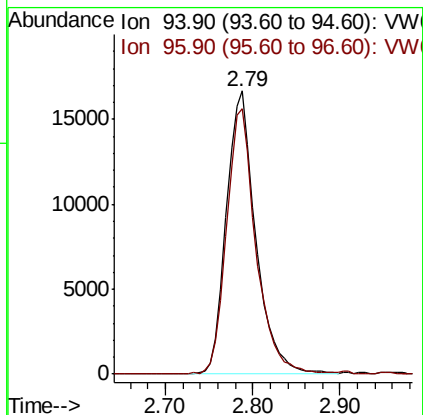
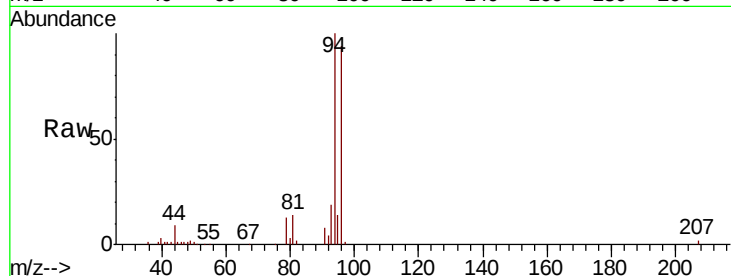
96 93.7 75.7 113.5

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#6

Chloroethane

Concen: 22.798 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW006708.D

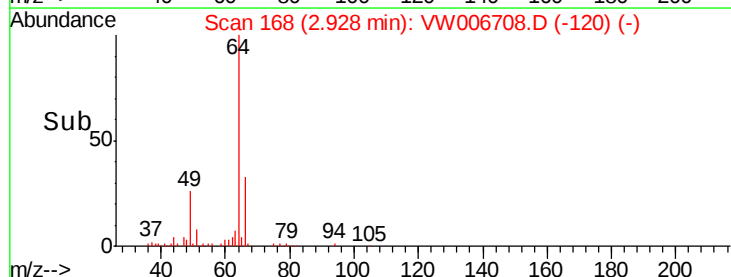
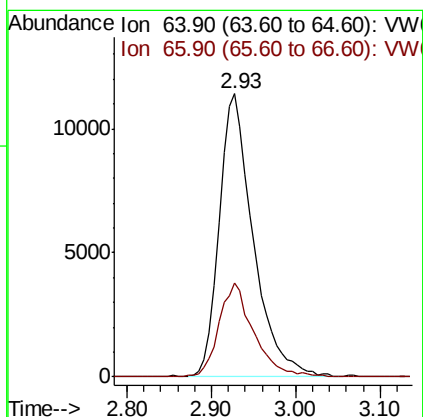
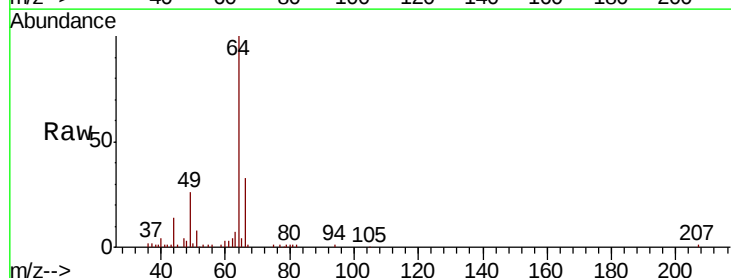
Acq: 07 Nov 2018 02:28

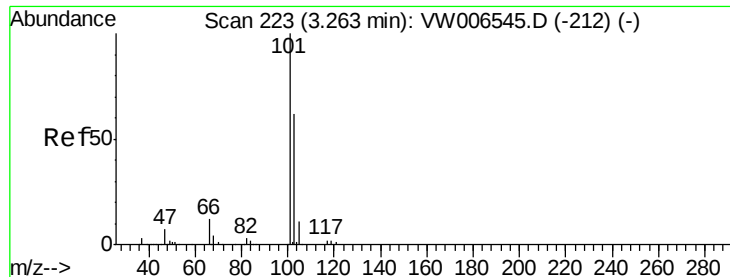
Tgt Ion: 64 Resp: 31563

Ion Ratio Lower Upper

64 100

66 33.1 25.9 38.9





#7

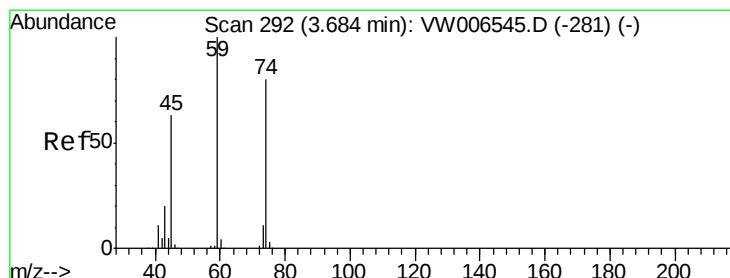
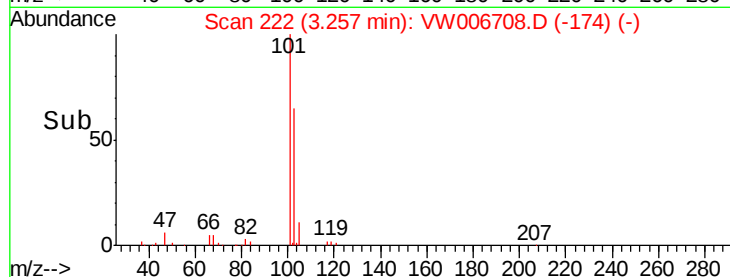
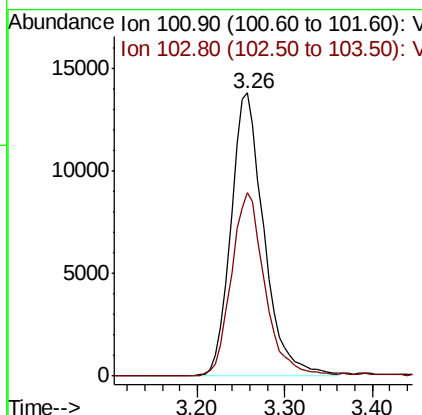
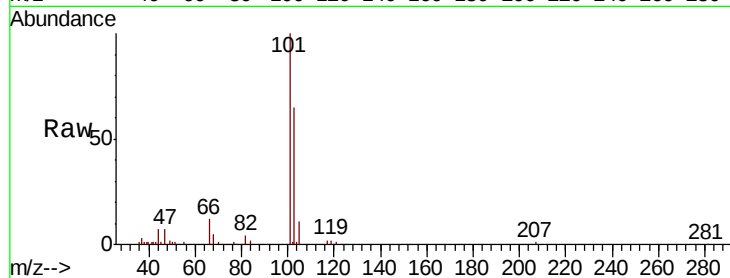
Trichlorofluoromethane
 Concen: 20.683 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW006708.D
 Acq: 07 Nov 2018 02:28

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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.9	49.8	74.8

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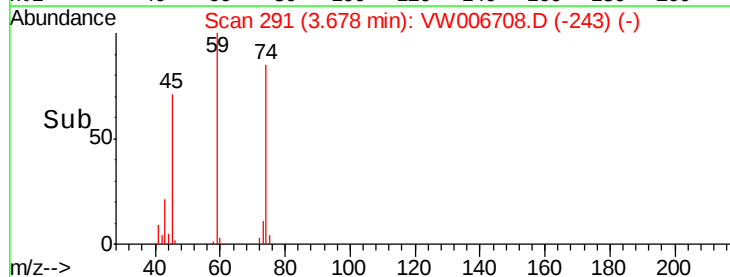
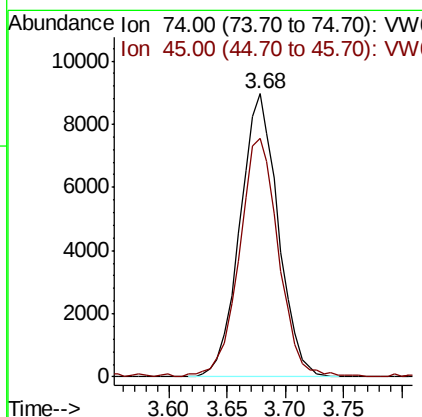
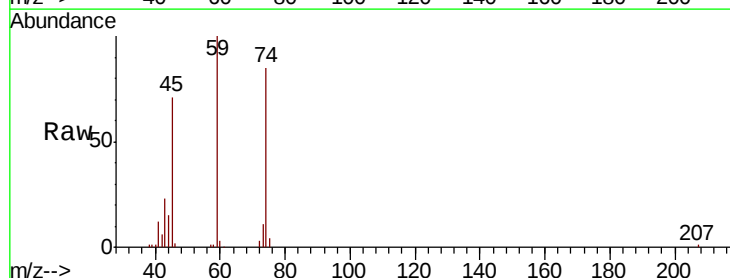
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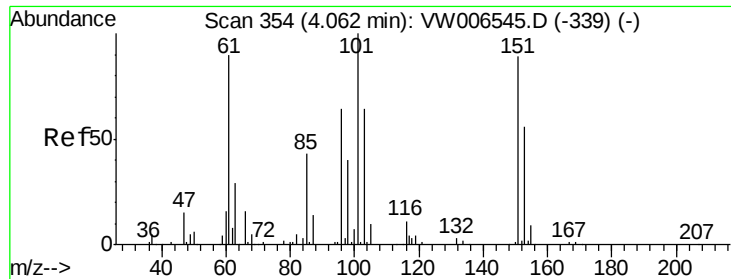


#8

Diethyl Ether
 Concen: 21.382 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW006708.D
 Acq: 07 Nov 2018 02:28

Tgt Ion	Ratio	Lower	Upper
74	100		
45	86.9	41.1	123.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.399 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW006708.D

Acq: 07 Nov 2018 02:28

Instrument :

MSVOA_W

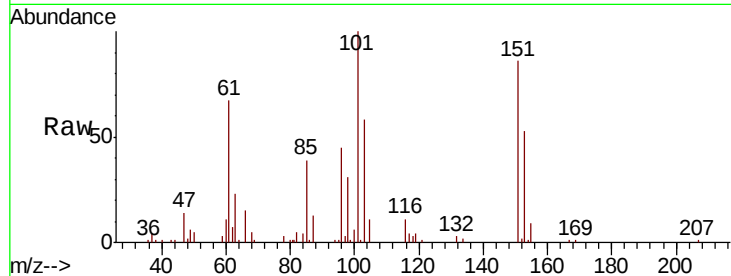
ClientSampled :

VW1106SBS02

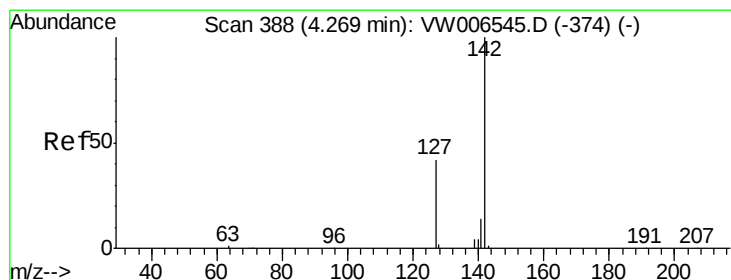
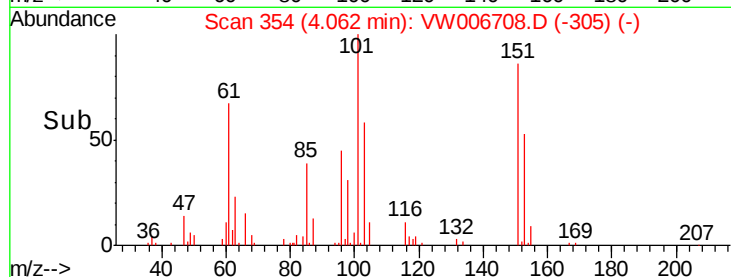
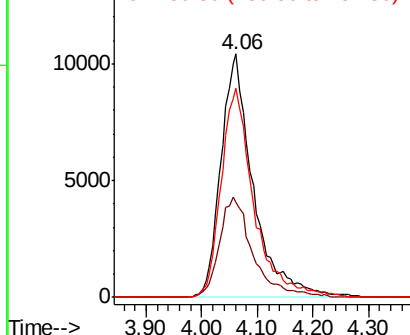
Tot Ion:	101	Resp:	41852
Ion Ratio	Lower	Upper	
101	100		
85	42.5	34.2	51.2
151	87.1	70.7	106.1

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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: 21.042 ug/l

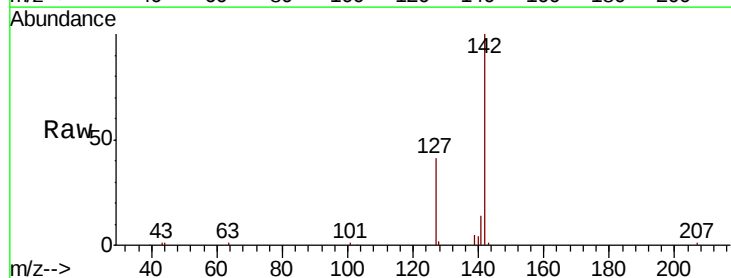
RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

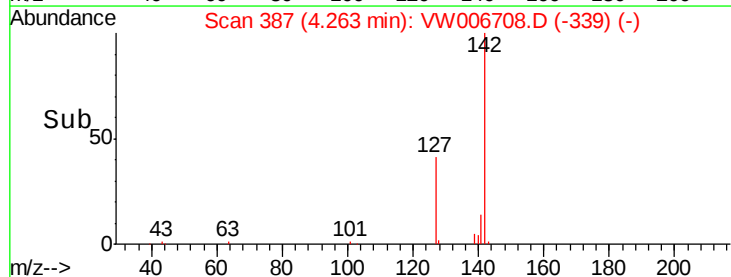
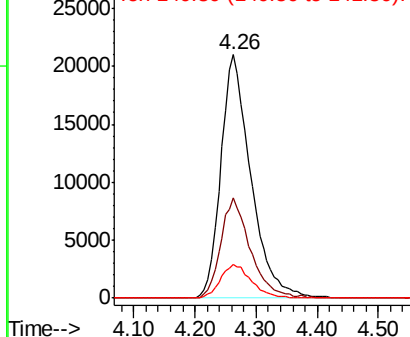
Lab File: VW006708.D

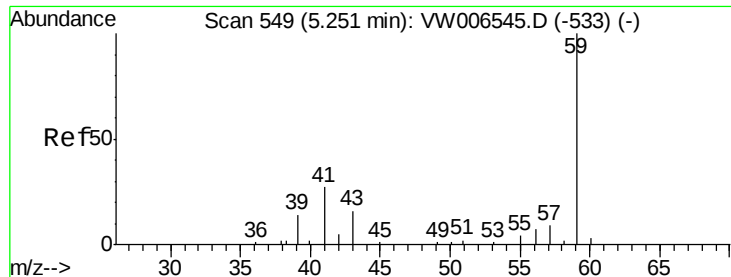
Acq: 07 Nov 2018 02:28

Tgt Ion:	142	Resp:	71288
Ion Ratio	Lower	Upper	
142	100		
127	40.8	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





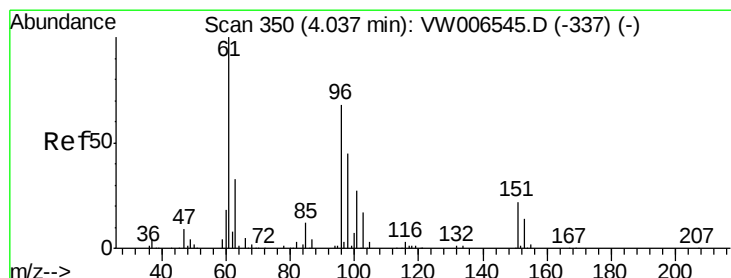
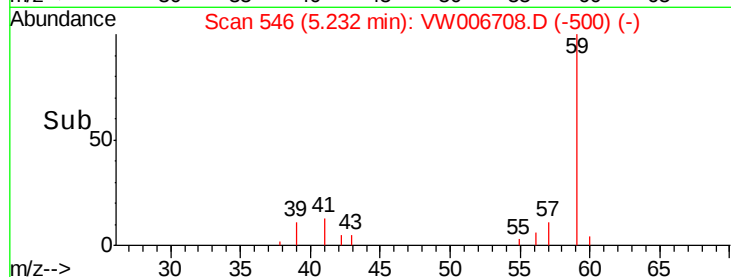
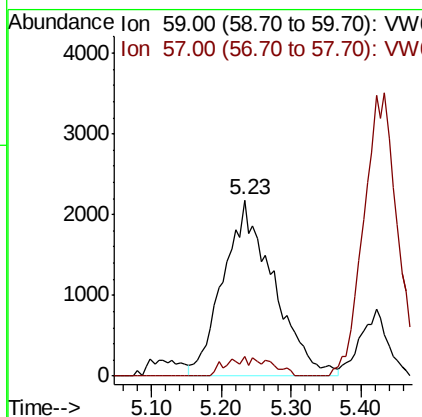
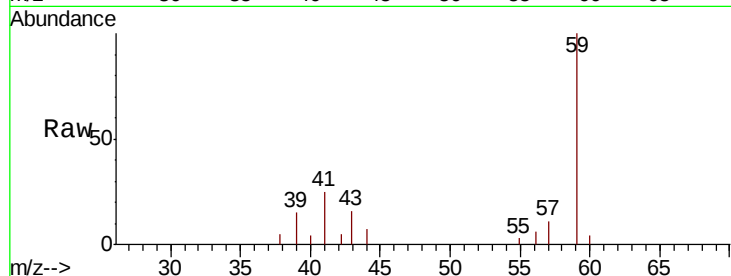
#11
Tert butyl alcohol
Concen: 106.082 ug/l
RT: 5.23 min Scan# 546
Delta R.T. -0.02 min
Lab File: VW006708.D
Acq: 07 Nov 2018 02:28

Instrument :
MSVOA_W
ClientSampleId :
VW1106SBS02

Tot Ion: 59 Resp: 10870
Ion Ratio Lower Upper
59 100
57 3.4 4.3 6.5#

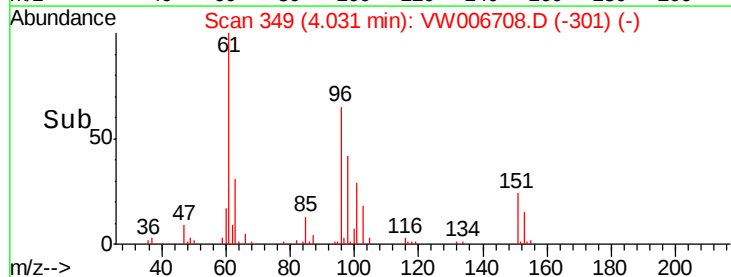
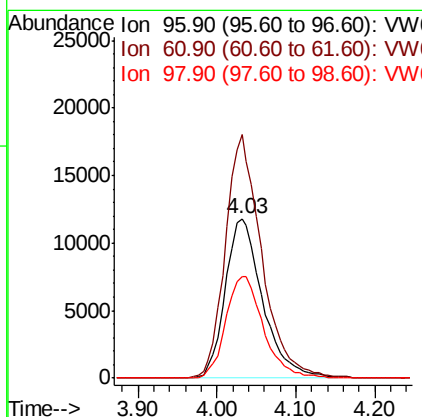
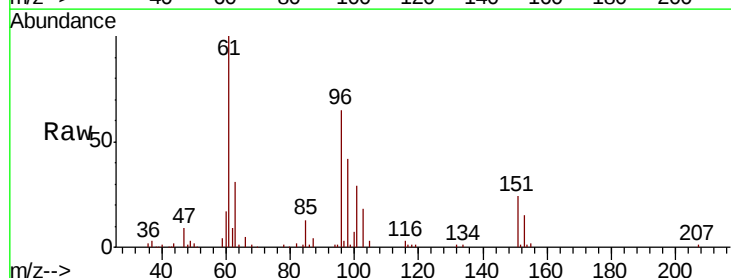
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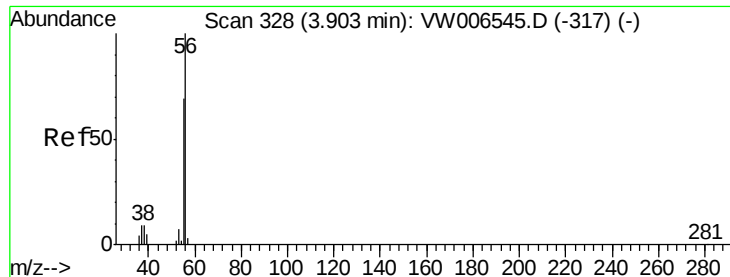
apatel
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#12
1,1-Dichloroethene
Concen: 21.520 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW006708.D
Acq: 07 Nov 2018 02:28

Tgt Ion: 96 Resp: 38835
Ion Ratio Lower Upper
96 100
61 152.9 117.0 175.4
98 64.0 52.5 78.7





#13

Acrolein

Concen: 85.221 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.01 min

Lab File: VW006708.D

Acq: 07 Nov 2018 02:28

Instrument :

MSVOA_W

ClientSampleId :

VW1106SBS02

Tot Ion: 56 Resp: 10983

Ion Ratio Lower Upper

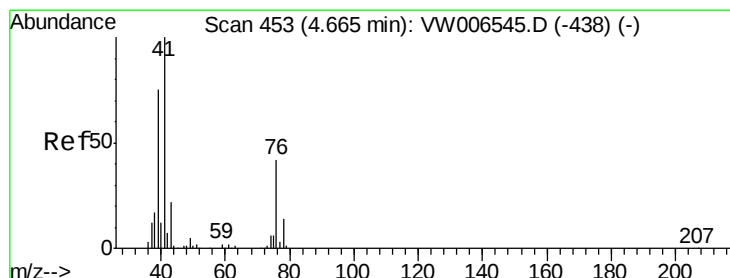
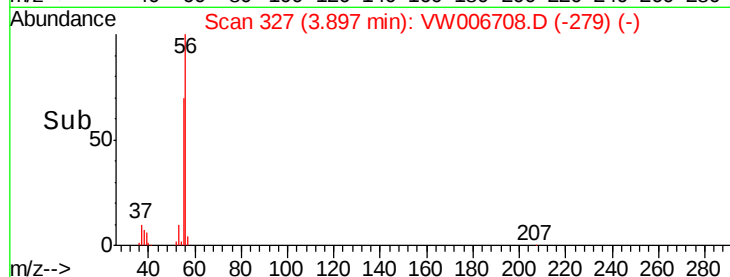
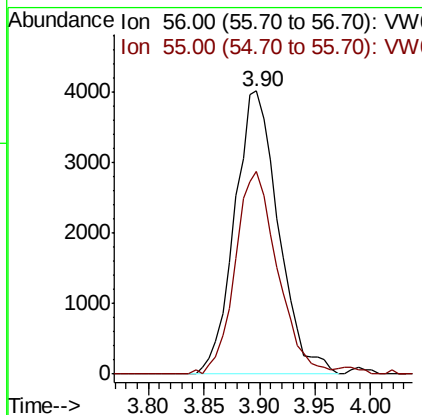
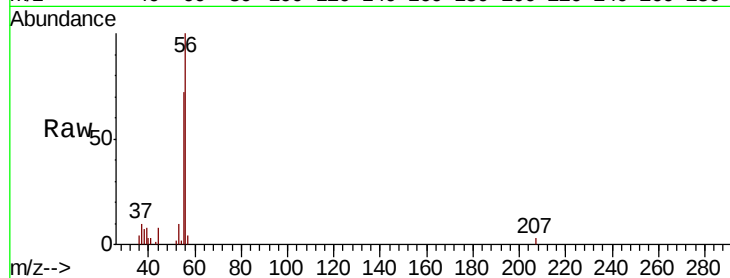
56 100

55 69.2 56.9 85.3

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#14

Allyl chloride

Concen: 21.594 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW006708.D

Acq: 07 Nov 2018 02:28

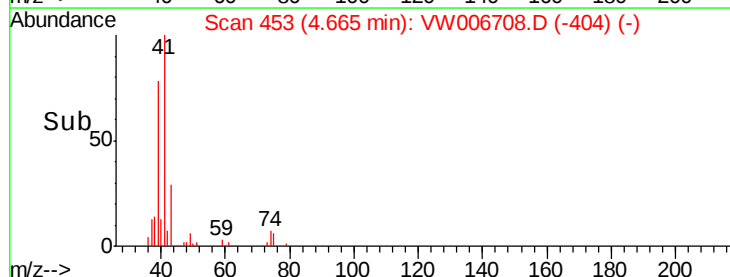
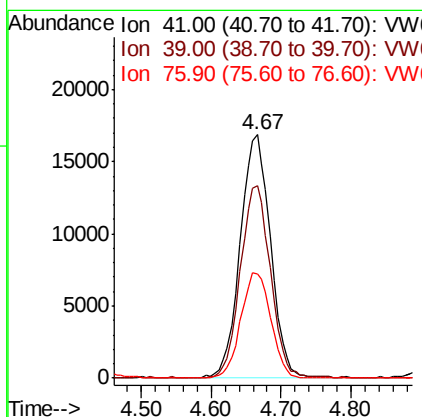
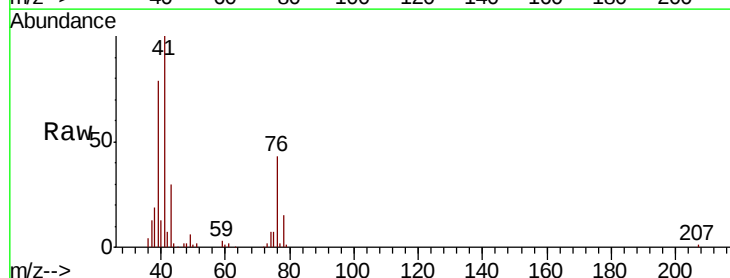
Tgt Ion: 41 Resp: 50867

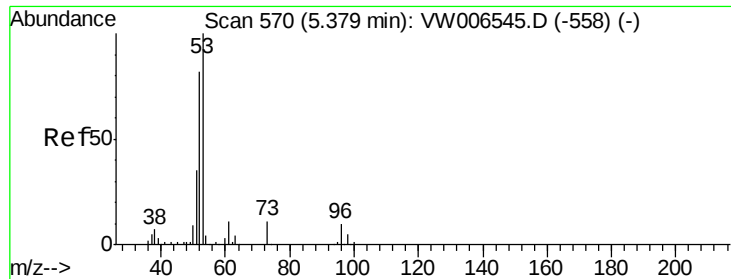
Ion Ratio Lower Upper

41 100

39 78.7 62.1 93.1

76 42.7 34.2 51.2





#15

Acrylonitrile

Concen: 110.256 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.00 min

Lab File: VW006708.D

Acq: 07 Nov 2018 02:28

Instrument :

MSVOA_W

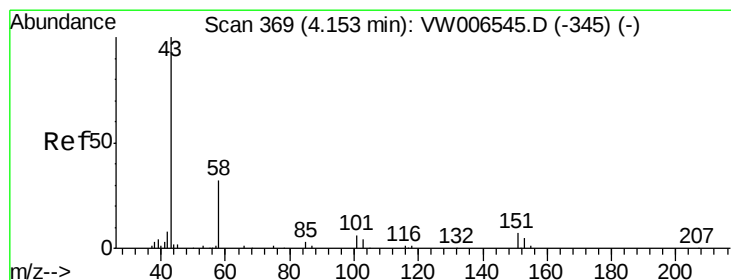
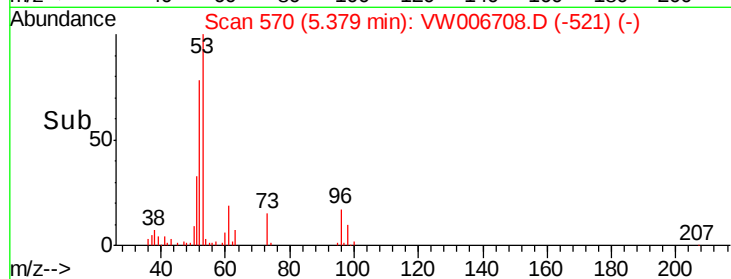
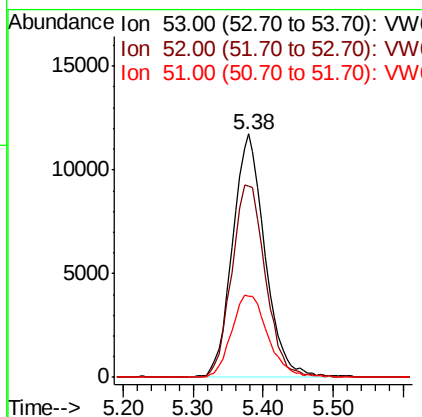
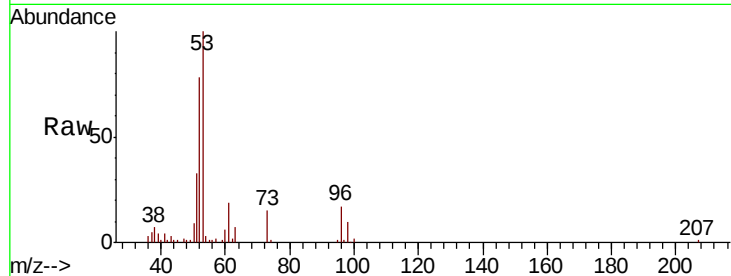
ClientSampleId :

VW1106SBS02

Tot Ion:	53	Resp:	37813
Ion	Ratio	Lower	Upper
53	100		
52	82.2	65.8	98.8
51	37.7	29.6	44.4

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#16

Acetone

Concen: 106.581 ug/l

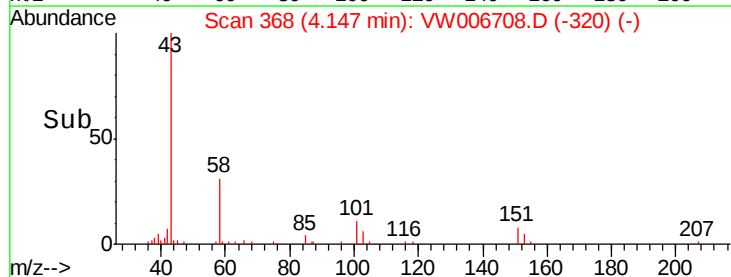
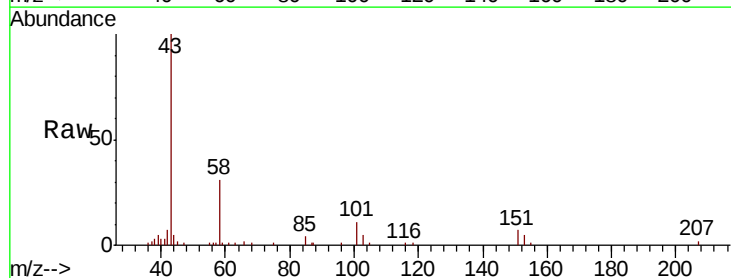
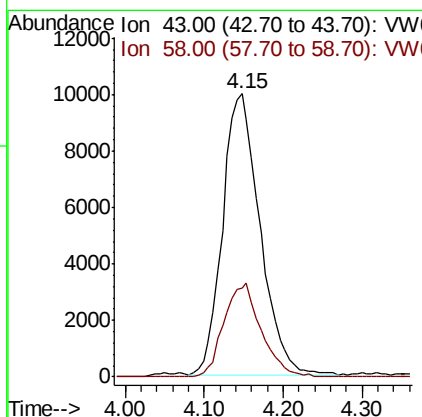
RT: 4.15 min Scan# 368

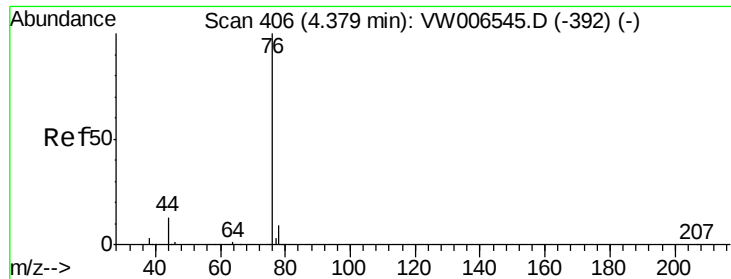
Delta R.T. -0.01 min

Lab File: VW006708.D

Acq: 07 Nov 2018 02:28

Tgt Ion:	43	Resp:	32725
Ion	Ratio	Lower	Upper
43	100		
58	31.4	25.8	38.8





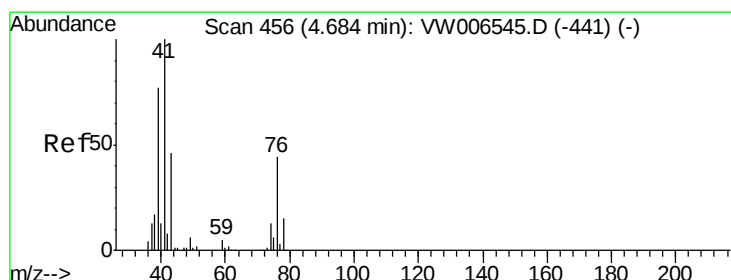
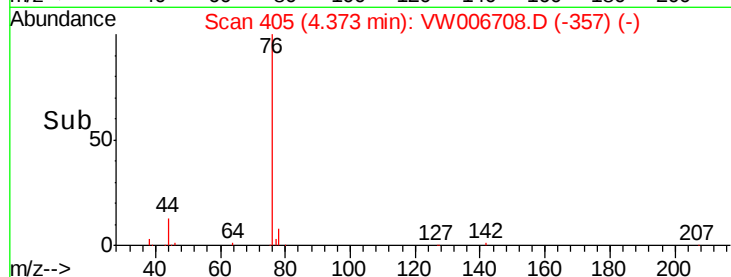
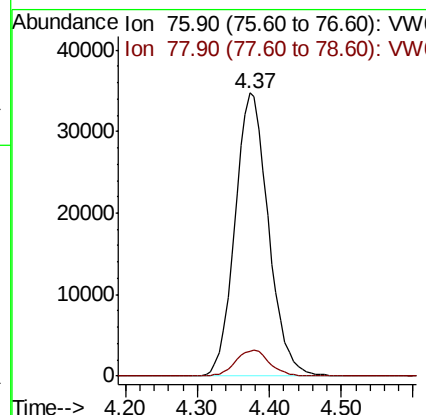
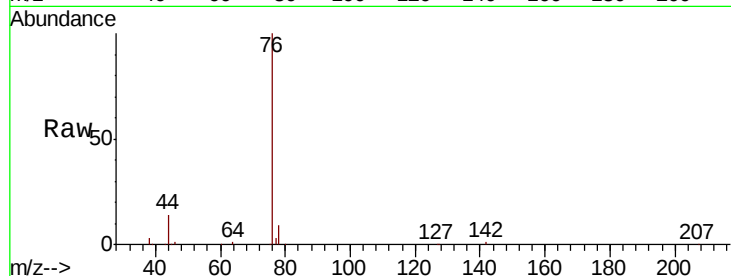
#17
Carbon Disulfide
Concen: 21.751 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW006708.D
Acq: 07 Nov 2018 02:28

Instrument :
MSVOA_W
ClientSampleId :
VW1106SBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.3	10.9

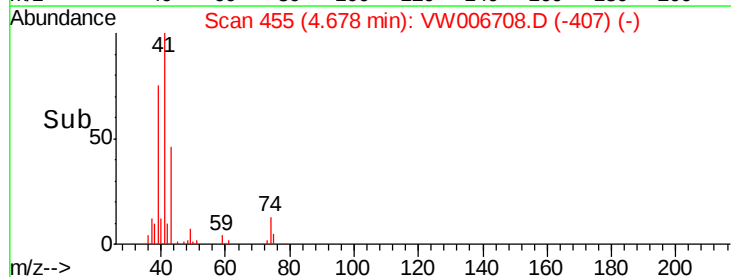
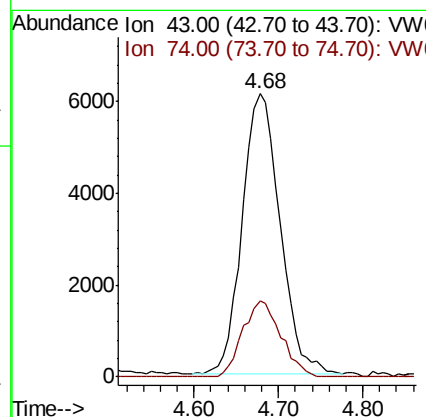
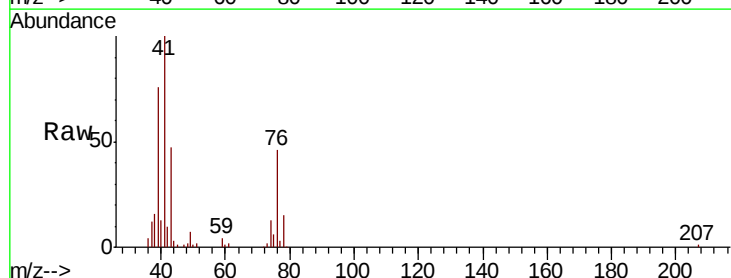
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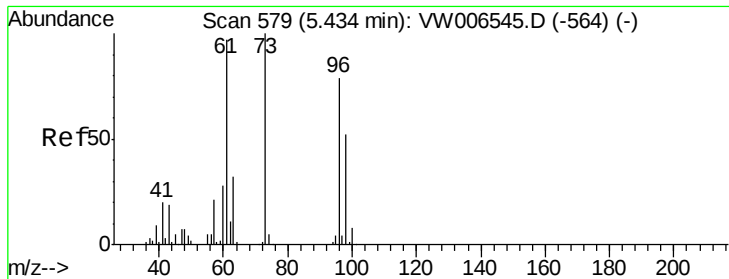
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#18
Methyl Acetate
Concen: 21.051 ug/l
RT: 4.68 min Scan# 455
Delta R.T. -0.01 min
Lab File: VW006708.D
Acq: 07 Nov 2018 02:28

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.5	21.9	32.9





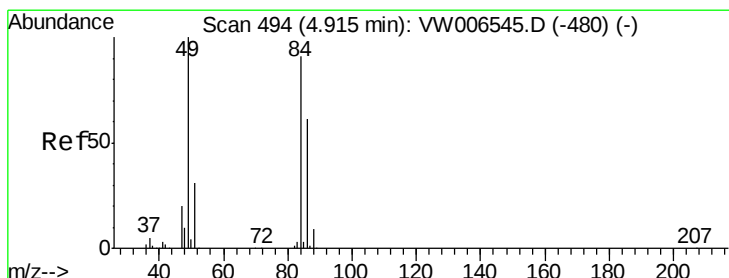
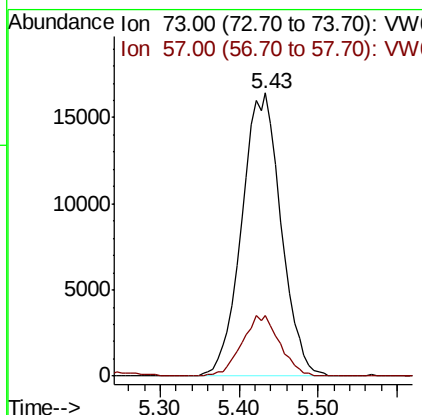
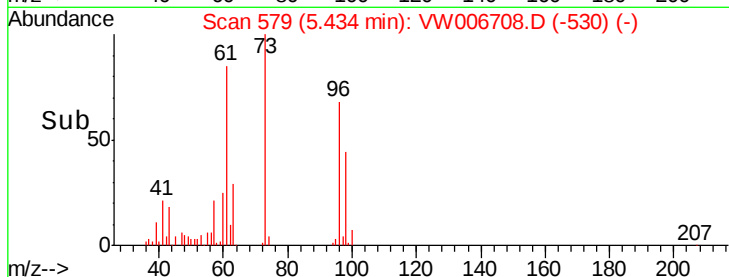
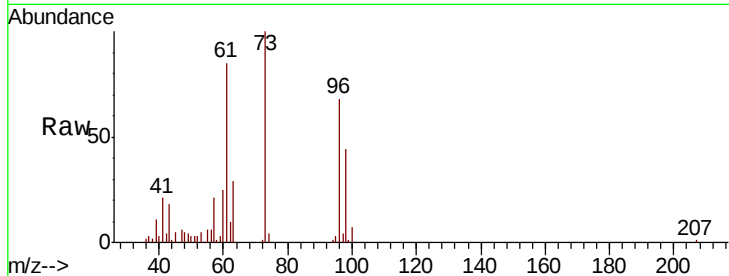
#19
Methyl tert-butyl Ether
Concen: 21.186 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.00 min
Lab File: VW006708.D
Acq: 07 Nov 2018 02:28

Instrument :
MSVOA_W
ClientSampleId :
VW1106SBS02

Tot Ion: 73 Resp: 56911
Ion Ratio Lower Upper
73 100
57 21.3 16.7 25.1

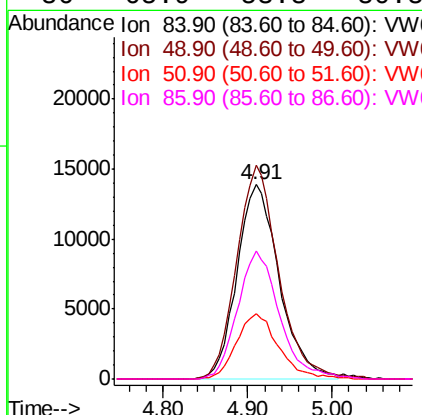
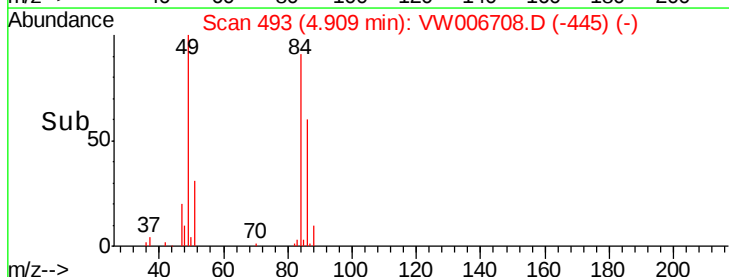
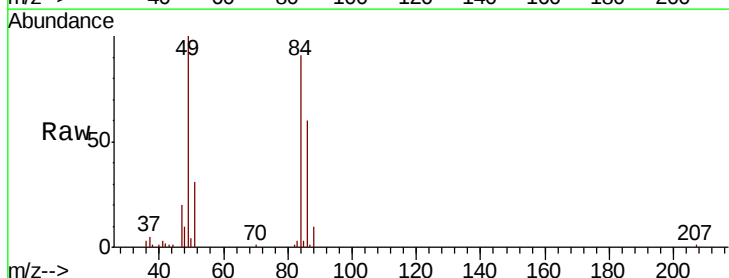
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#20
Methylene Chloride
Concen: 20.151 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW006708.D
Acq: 07 Nov 2018 02:28

Tgt Ion: 84 Resp: 47193
Ion Ratio Lower Upper
84 100
49 110.0 88.2 132.4
51 33.8 27.0 40.6
86 65.9 53.8 80.8





#21

trans-1,2-Dichloroethene

Concen: 21.797 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW006708.D

Acq: 07 Nov 2018 02:28

Instrument :

MSVOA_W

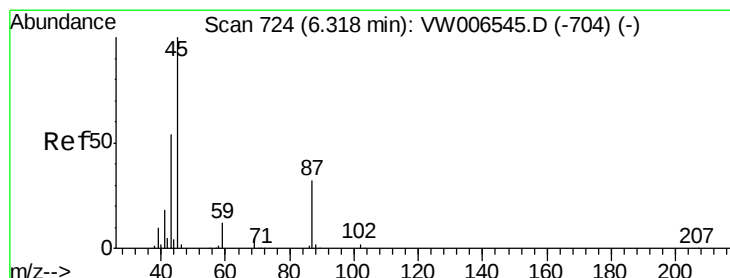
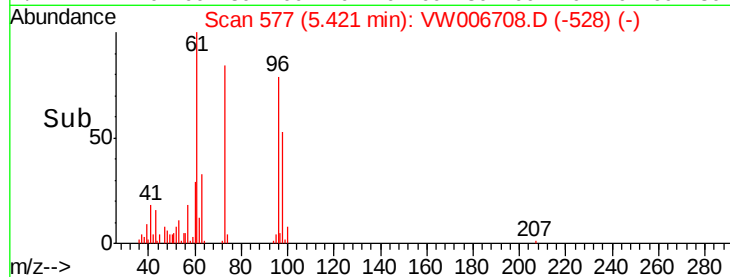
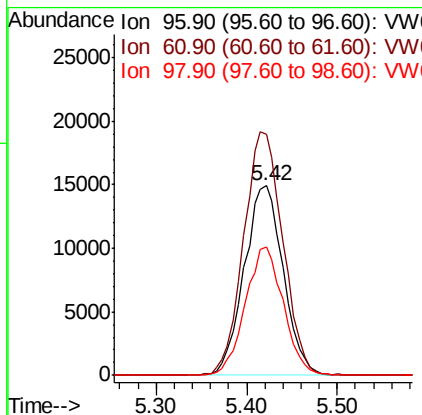
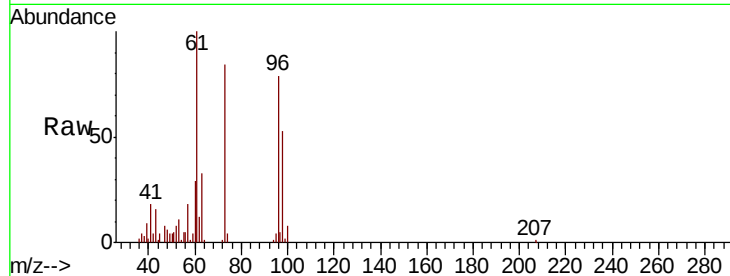
ClientSampled :

VW1106SBS02

Tot Ion:	96	Resp:	44510
Ion	Ratio	Lower	Upper
96	100		
61	127.0	100.6	150.8
98	67.5	52.9	79.3

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#22

Diisopropyl ether

Concen: 22.311 ug/l

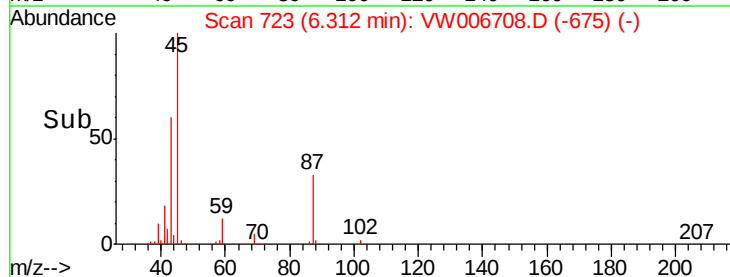
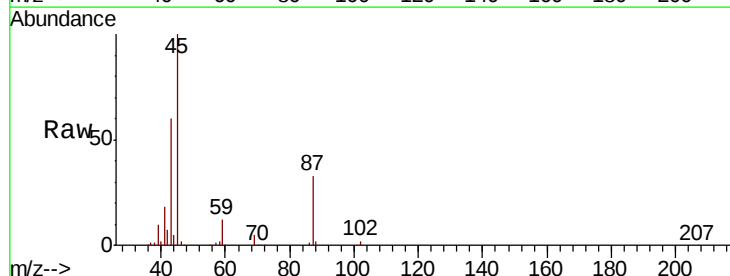
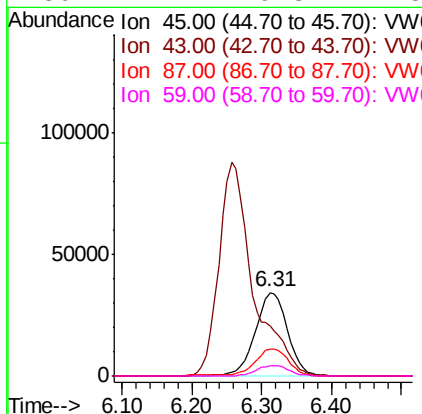
RT: 6.31 min Scan# 723

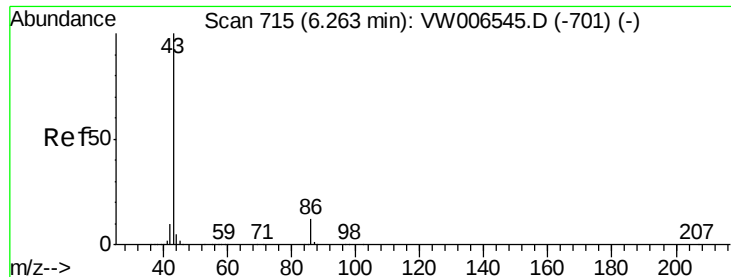
Delta R.T. -0.01 min

Lab File: VW006708.D

Acq: 07 Nov 2018 02:28

Tgt Ion:	45	Resp:	109568
Ion	Ratio	Lower	Upper
45	100		
43	59.5	43.6	65.4
87	32.6	26.3	39.5
59	12.2	9.8	14.8





#23

Vinyl Acetate

Concen: 109.399 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW006708.D

Acq: 07 Nov 2018 02:28

Instrument :

MSVOA_W

ClientSampleID :

VW1106SBS02

Tot Ion: 43 Resp: 297932

Ion Ratio Lower Upper

43 100

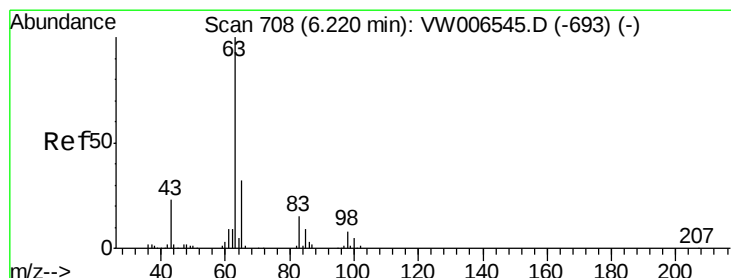
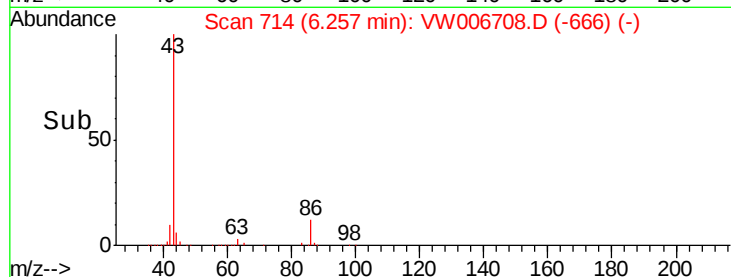
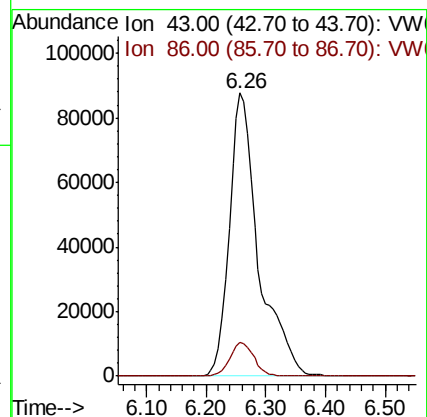
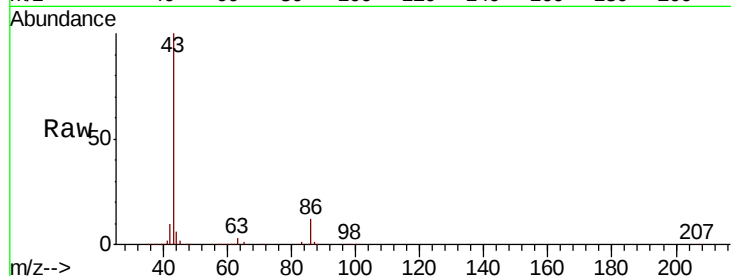
86 11.8 9.8 14.8

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#24

1,1-Dichloroethane

Concen: 22.385 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW006708.D

Acq: 07 Nov 2018 02:28

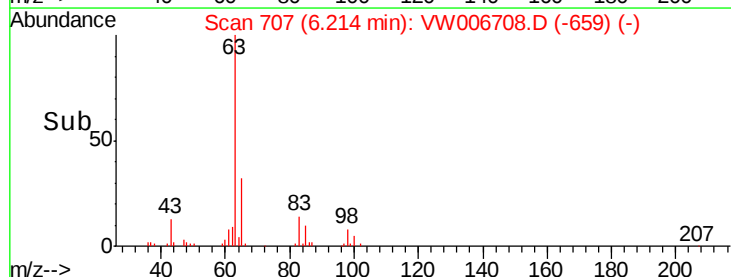
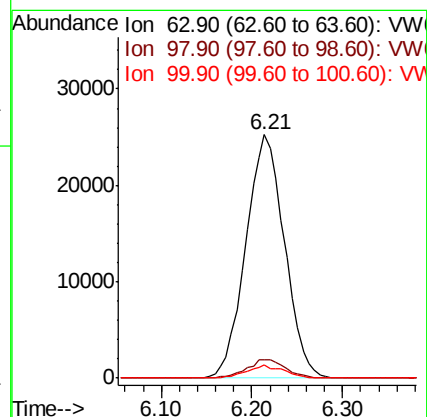
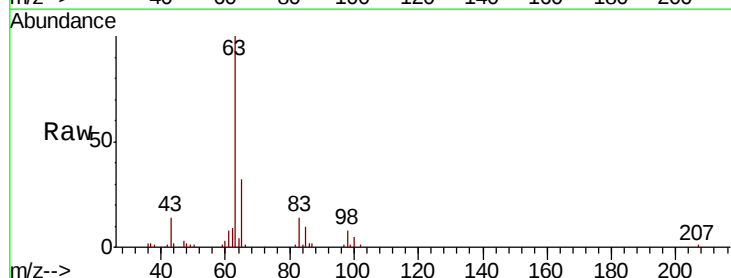
Tgt Ion: 63 Resp: 74505

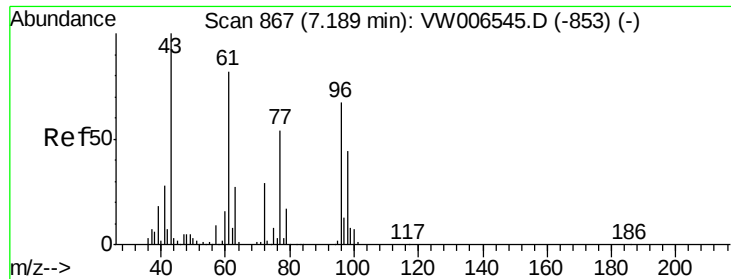
Ion Ratio Lower Upper

63 100

98 7.7 3.8 11.4

100 5.2 2.4 7.2





#25

2-Butanone

Concen: 107.036 ug/l

RT: 7.18 min Scan# 866

Delta R.T. -0.01 min

Lab File: VW006708.D

Acq: 07 Nov 2018 02:28

Instrument :

MSVOA_W

ClientSampled :

VW1106SBS02

Tot Ion: 43 Resp: 46897

Ion Ratio Lower Upper

43 100

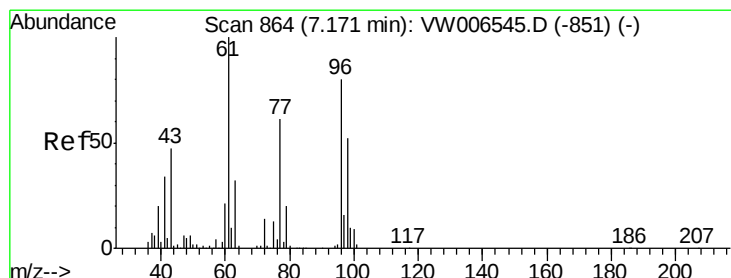
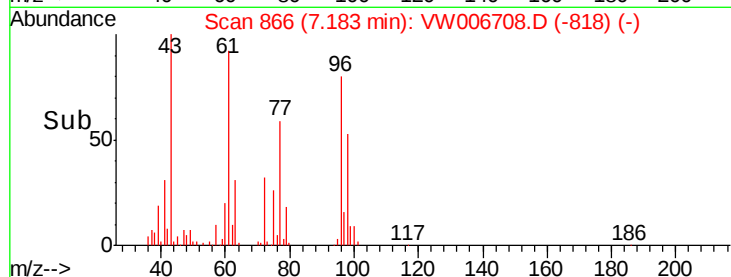
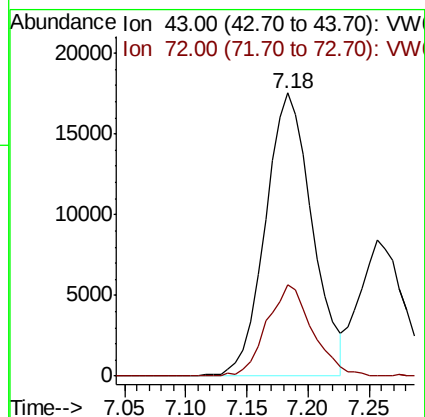
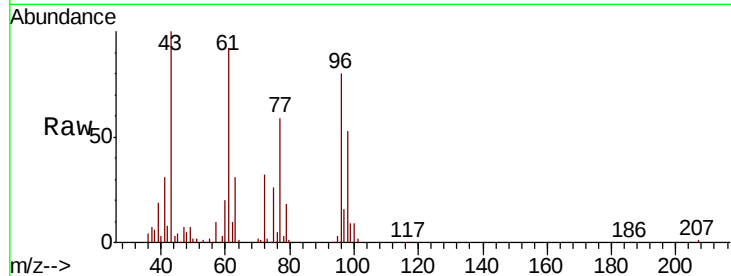
72 32.3 23.2 34.8

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#26

2,2-Dichloropropane

Concen: 21.428 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW006708.D

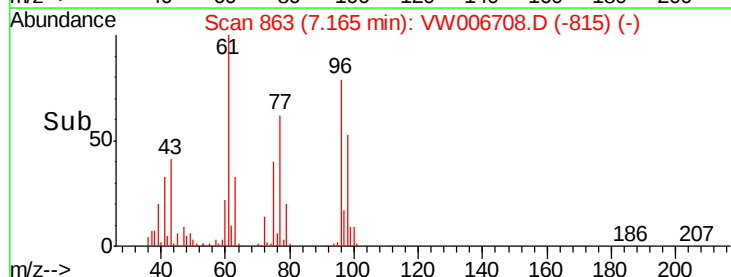
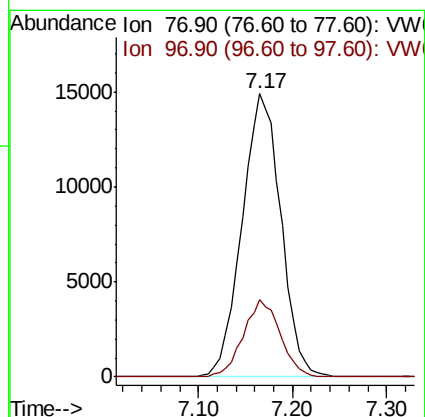
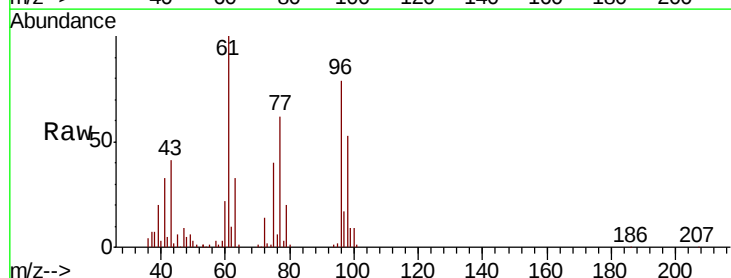
Acq: 07 Nov 2018 02:28

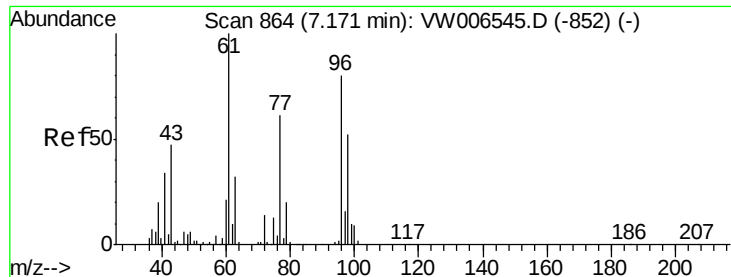
Tgt Ion: 77 Resp: 42962

Ion Ratio Lower Upper

77 100

97 25.8 12.8 38.4





#27

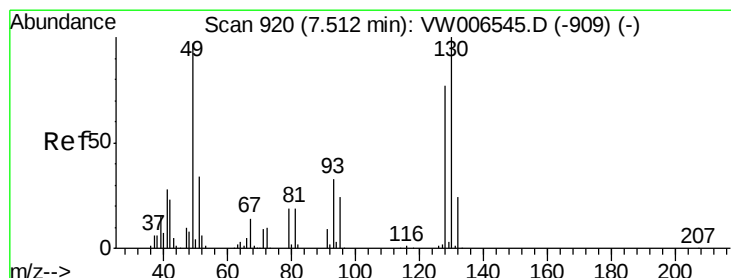
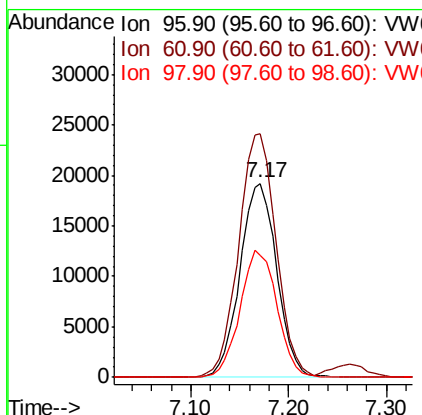
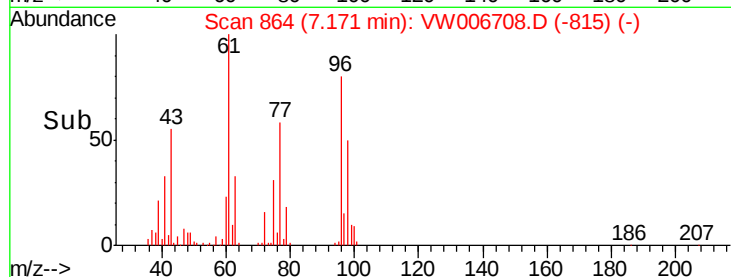
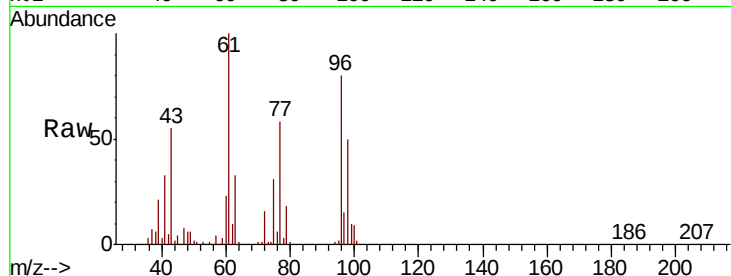
cis-1,2-Dichloroethene
Concen: 22.030 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW006708.D
Acq: 07 Nov 2018 02:28

Instrument :
MSVOA_W
ClientSampleId :
VW1106SBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	127.6	0.0	254.2
98	65.4	0.0	129.6

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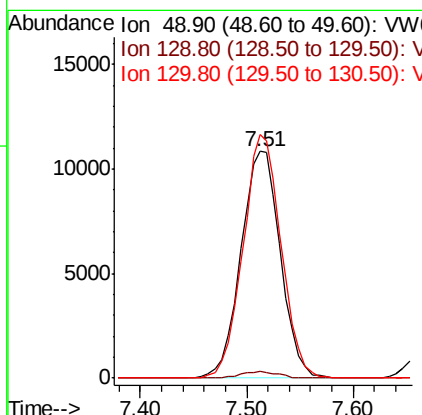
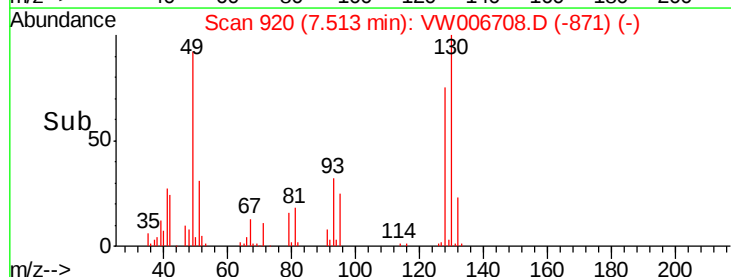
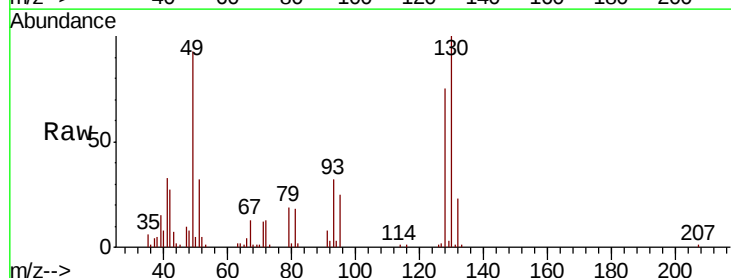
apatel
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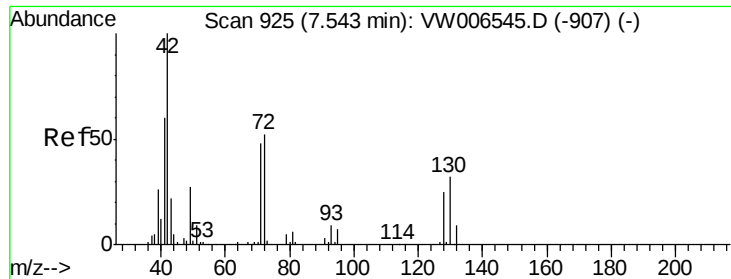


#28

Bromochloromethane
Concen: 21.309 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.00 min
Lab File: VW006708.D
Acq: 07 Nov 2018 02:28

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.6
130	103.2	82.2	123.2





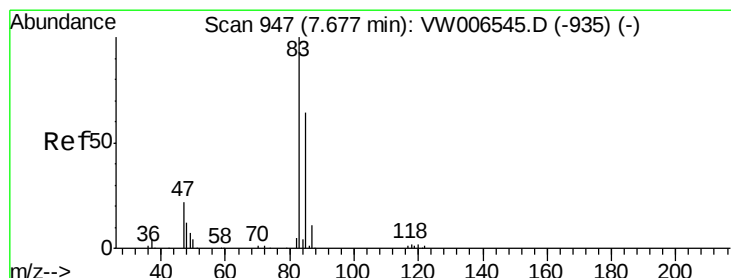
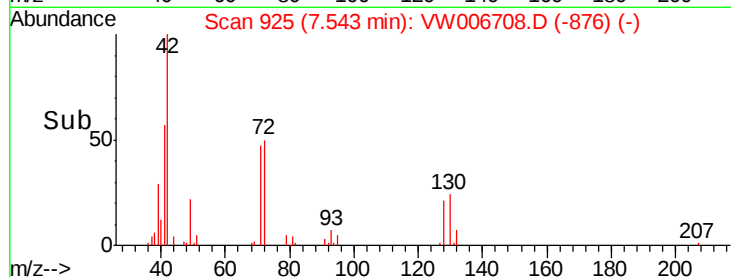
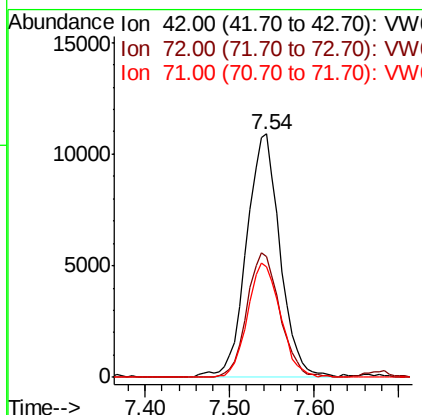
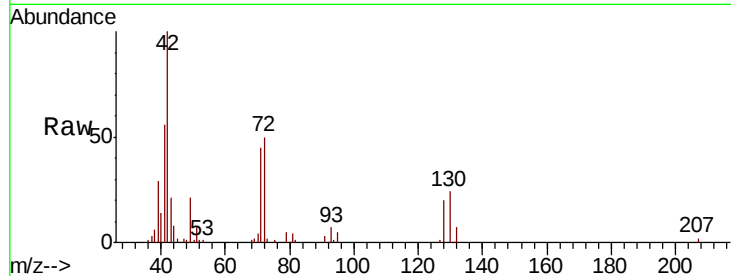
#29
Tetrahydrofuran
Concen: 107.007 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.00 min
Lab File: VW006708.D
Acq: 07 Nov 2018 02:28

Instrument :
MSVOA_W
ClientSampleId :
VW1106SBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	50.0	39.2	58.8
71	45.7	37.6	56.4

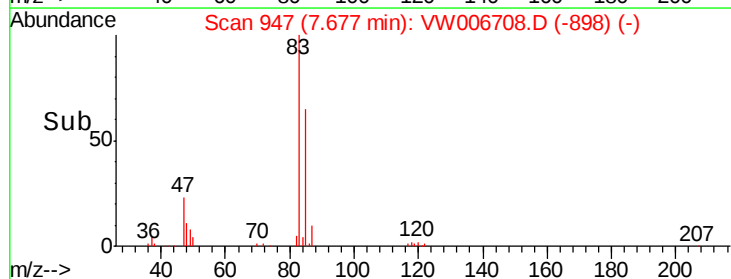
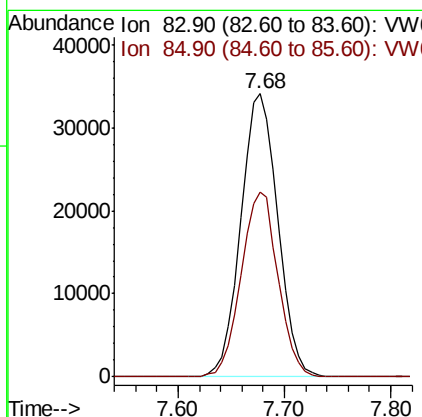
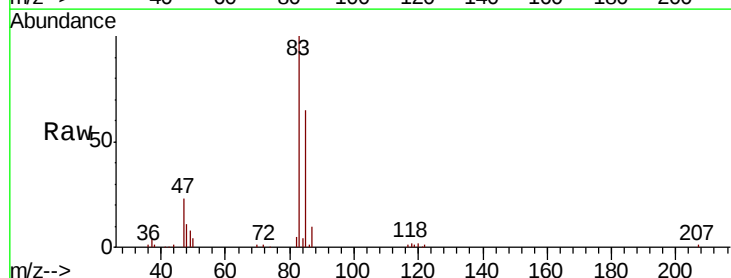
Manual Integrations
APPROVED

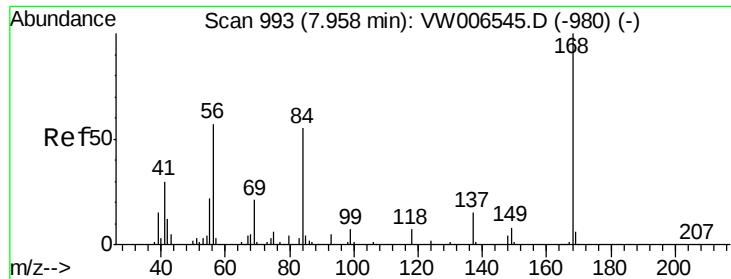
apatel
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#30
Chloroform
Concen: 22.748 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW006708.D
Acq: 07 Nov 2018 02:28

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.2	51.3	76.9





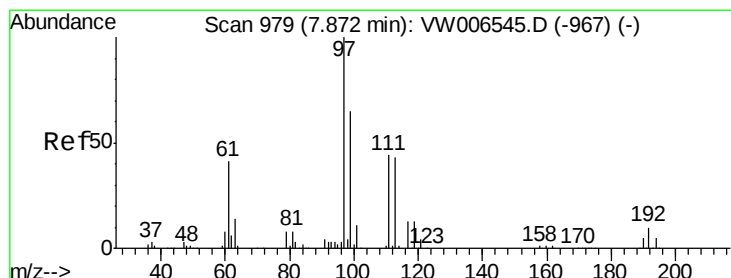
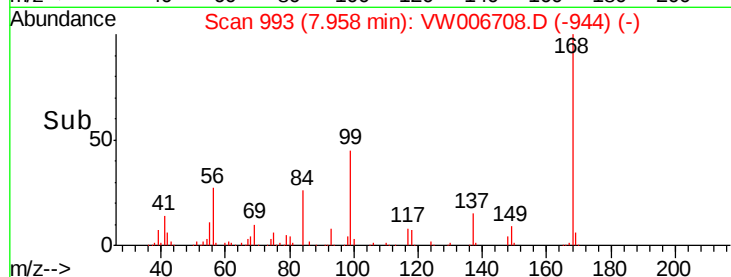
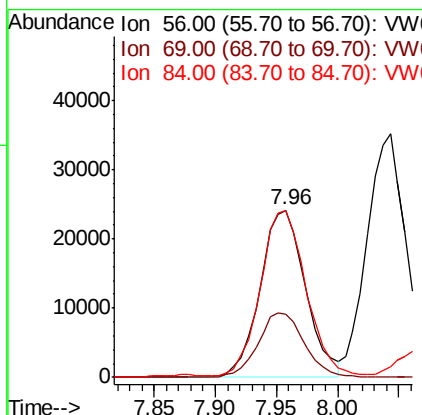
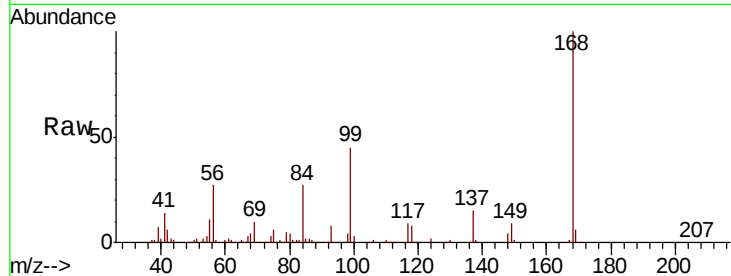
#31
Cyclohexane
Concen: 20.630 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW006708.D
Acq: 07 Nov 2018 02:28

Instrument :
MSVOA_W
ClientSampleId :
VW1106SBS02

Tot Ion	Ratio	Lower	Upper
56	100		
69	38.0	29.0	43.4
84	98.3	77.8	116.6

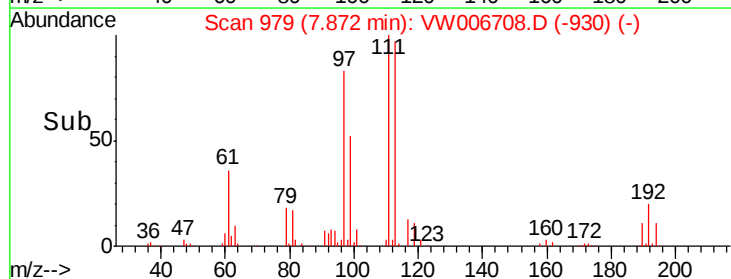
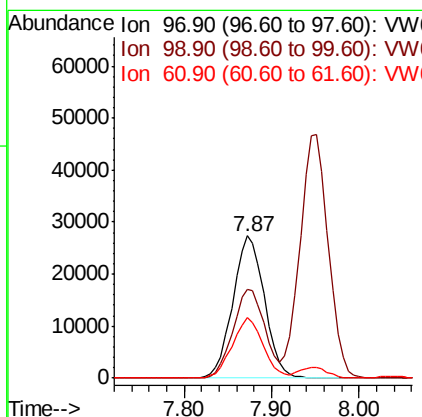
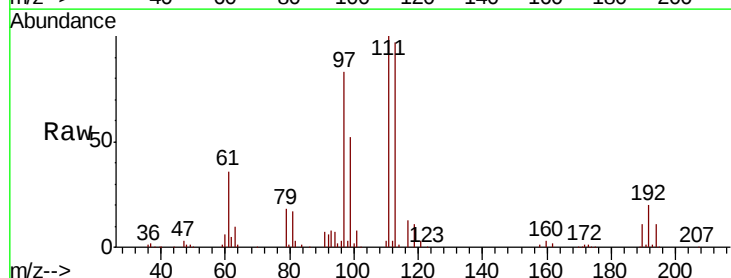
Manual Integrations
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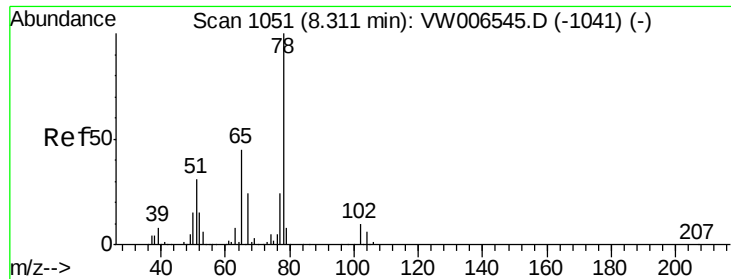
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#32
1,1,1-Trichloroethane
Concen: 22.197 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW006708.D
Acq: 07 Nov 2018 02:28

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.0	51.7	77.5
61	41.6	32.9	49.3





#33

1,2-Dichloroethane-d4

Concen: 52.653 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW006708.D

Acq: 07 Nov 2018 02:28

Instrument :

MSVOA_W

ClientSampleId :

VW1106SBS02

Tot Ion: 65 Resp: 100136

Ion Ratio Lower Upper

65 100

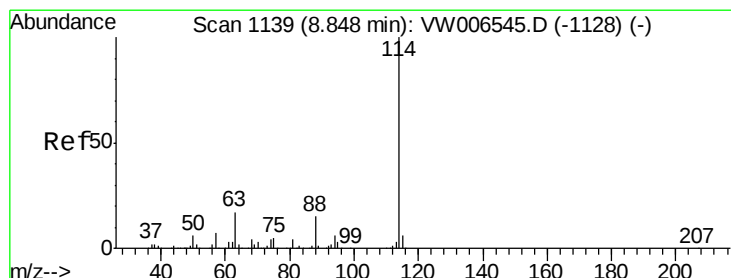
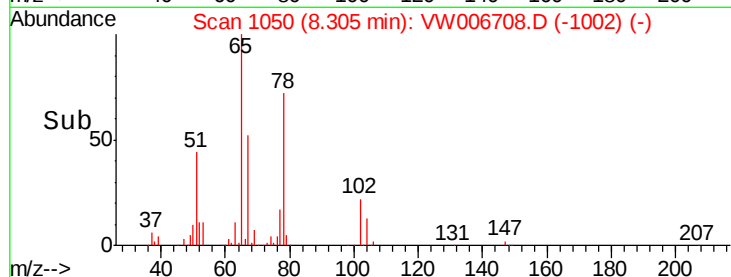
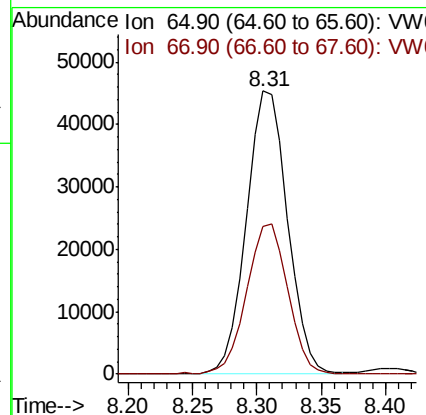
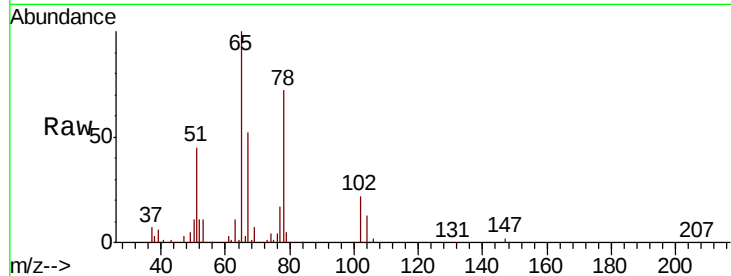
67 53.0 0.0 104.4

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.01 min

Lab File: VW006708.D

Acq: 07 Nov 2018 02:28

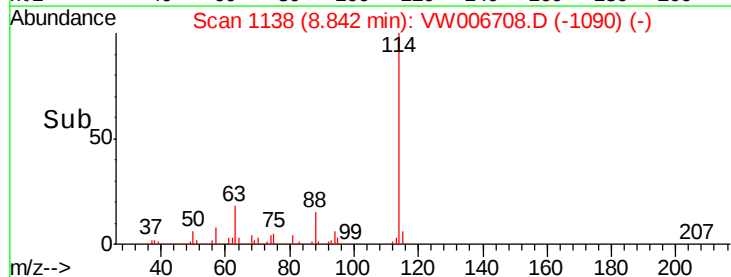
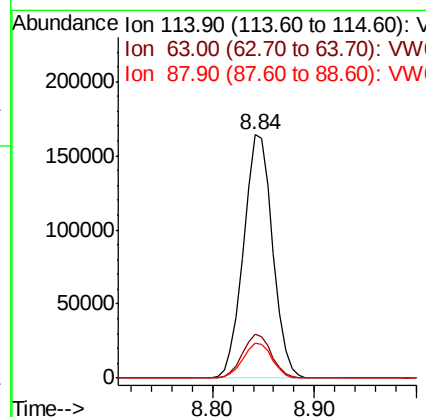
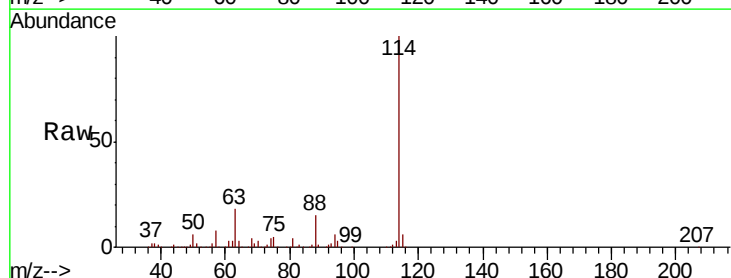
Tgt Ion: 114 Resp: 324817

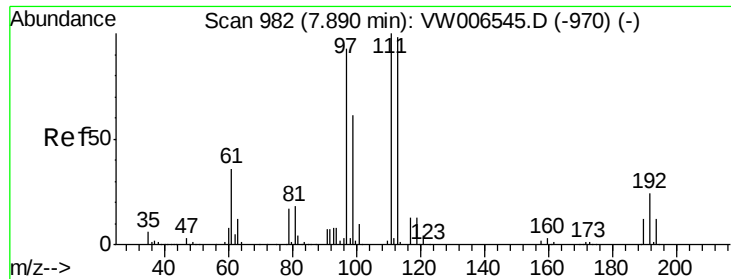
Ion Ratio Lower Upper

114 100

63 17.8 0.0 34.4

88 14.6 0.0 29.0





#35

Dibromofluoromethane

Concen: 53.378 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006708.D

Acq: 07 Nov 2018 02:28

Instrument :

MSVOA_W

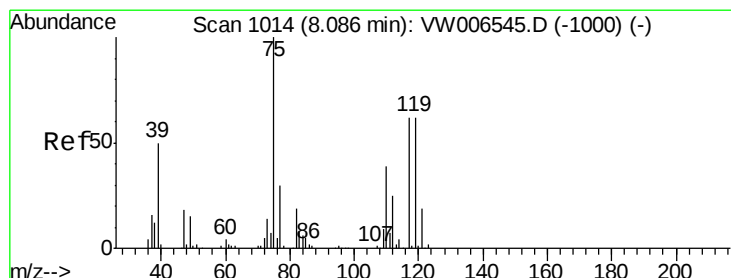
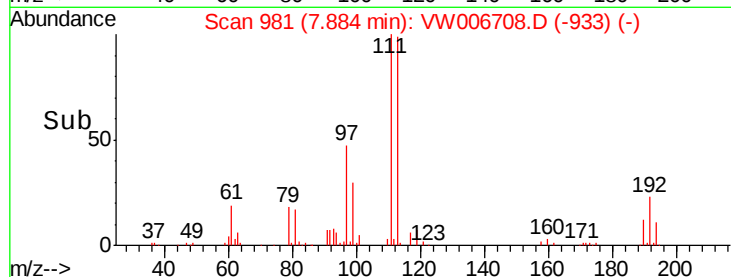
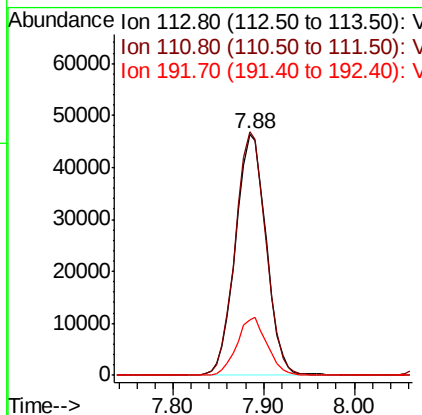
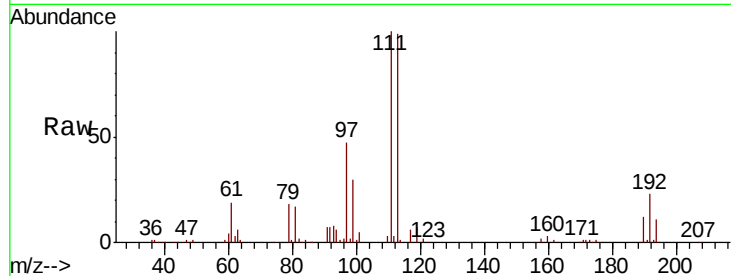
ClientSampleId :

VW1106SBS02

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	101.0	82.2	123.2	
192	23.3	19.0	28.6	

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#36

1,1-Dichloropropene

Concen: 21.721 ug/l

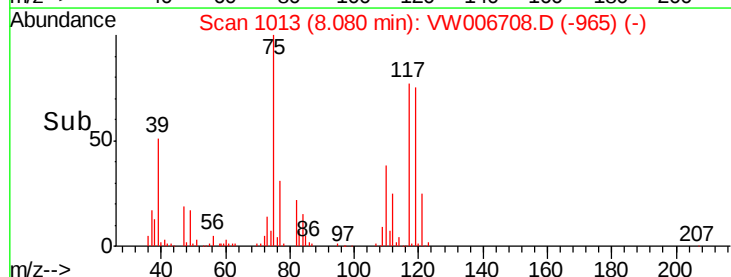
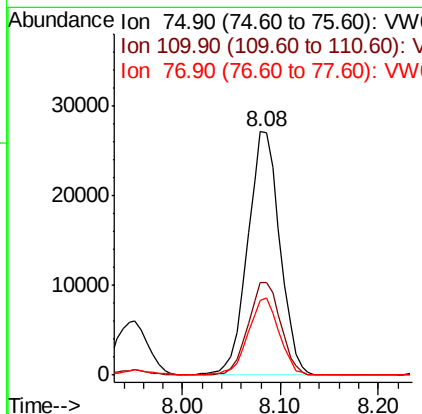
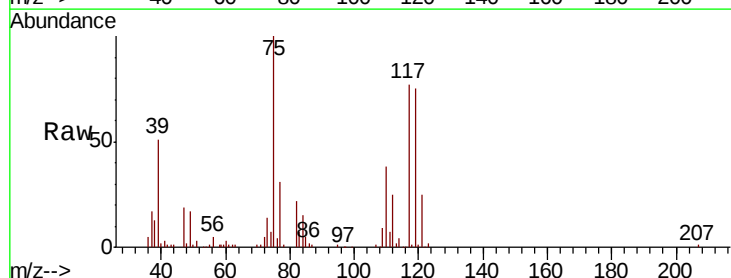
RT: 8.08 min Scan# 1013

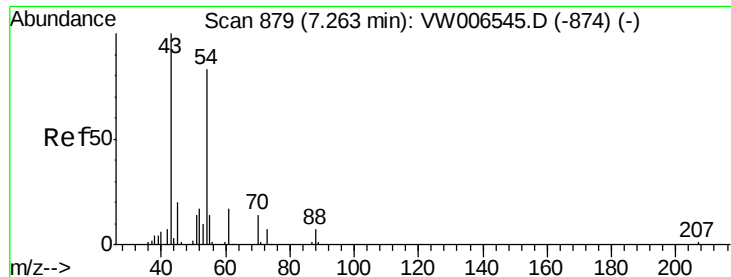
Delta R.T. -0.01 min

Lab File: VW006708.D

Acq: 07 Nov 2018 02:28

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	38.2	19.5	58.5	
77	30.7	24.6	37.0	





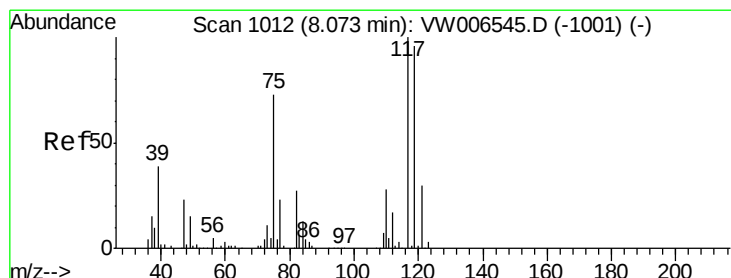
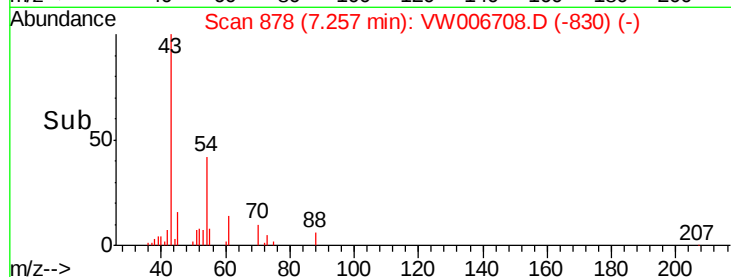
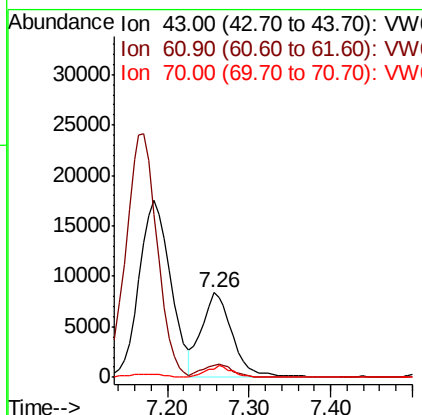
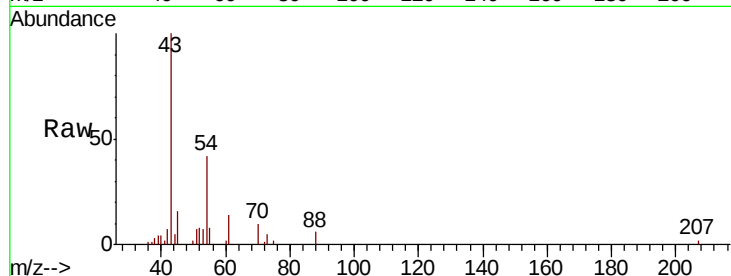
#37
Ethyl Acetate
Concen: 22.587 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.01 min
Lab File: VW006708.D
Acq: 07 Nov 2018 02:28

Instrument :
MSVOA_W
ClientSampleId :
VW1106SBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.8	12.1	18.1
70	11.5	9.8	14.6

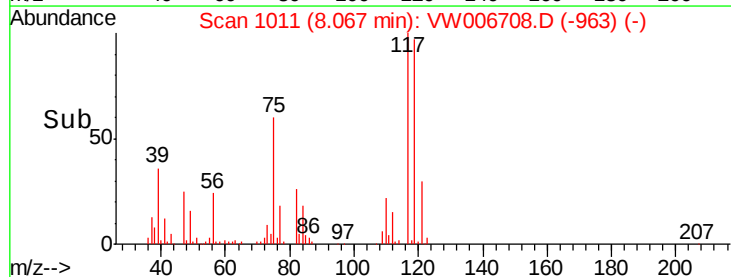
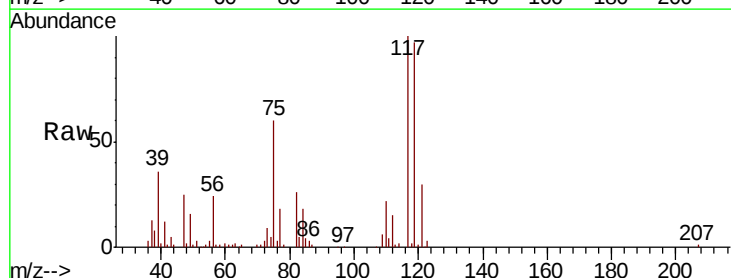
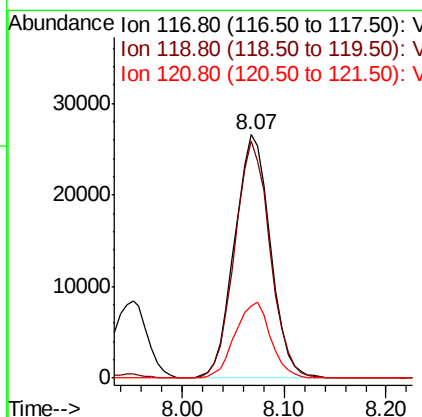
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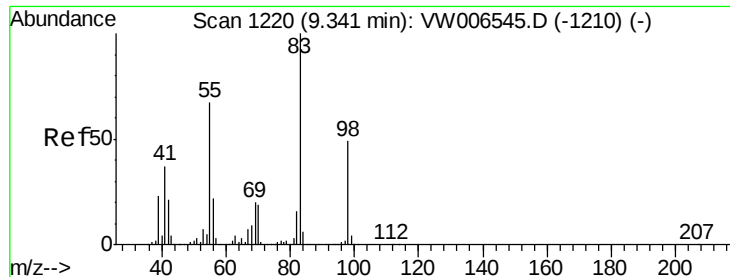
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#38
Carbon Tetrachloride
Concen: 21.739 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW006708.D
Acq: 07 Nov 2018 02:28

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.2	76.3	114.5
121	29.5	24.1	36.1





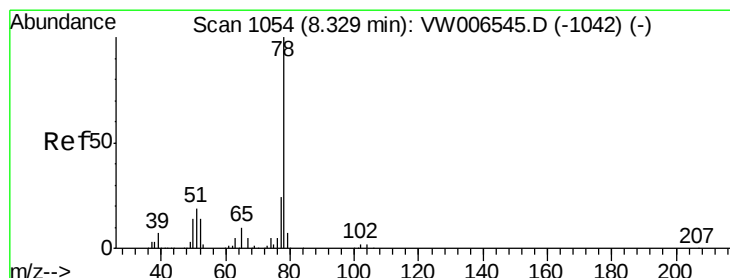
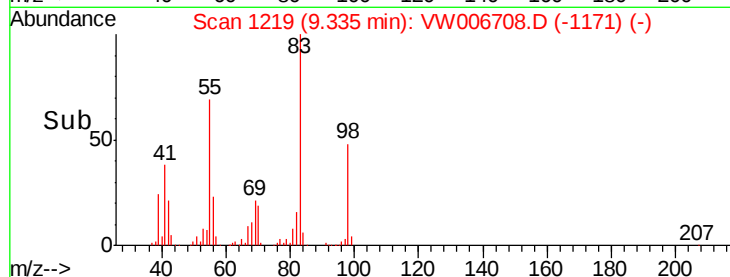
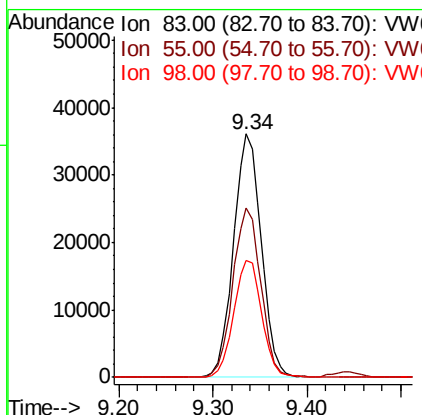
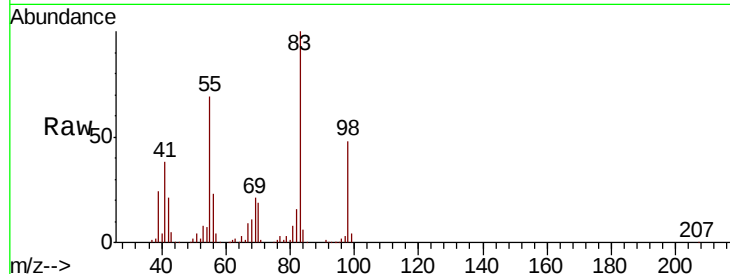
#39
Methvlcvclohexane
Concen: 20.453 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006708.D
Acq: 07 Nov 2018 02:28

Instrument :
MSVOA_W
ClientSampleId :
VW1106SBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	69.3	53.7	80.5
98	47.8	39.2	58.8

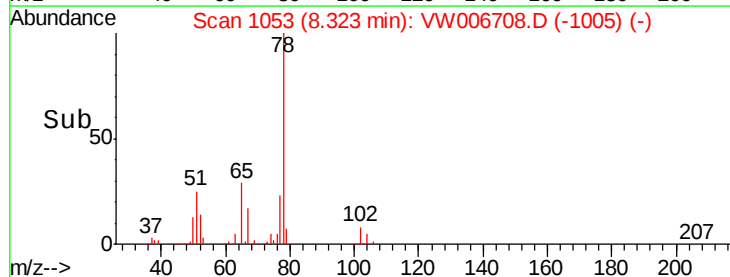
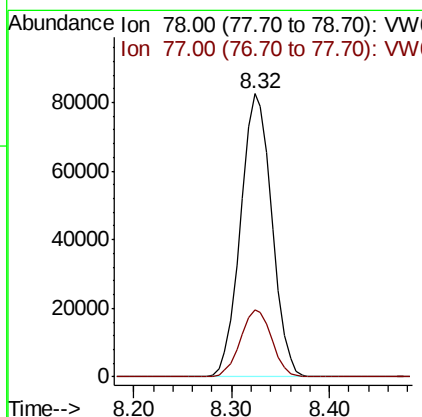
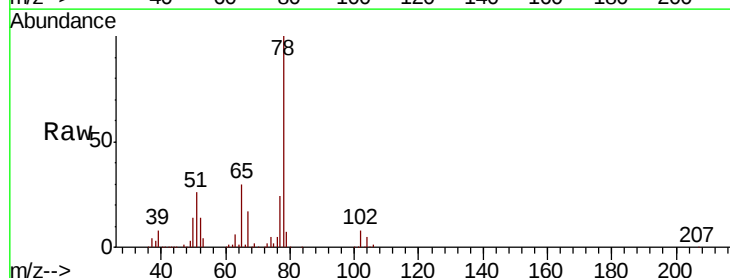
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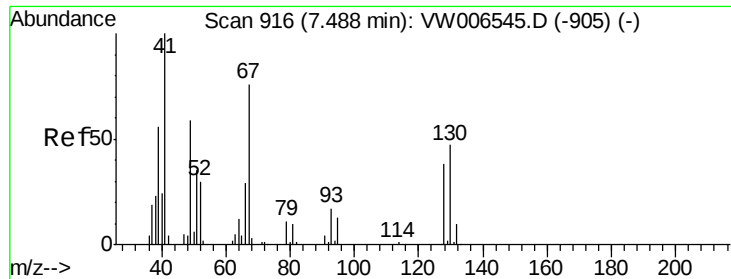
apatel
11/7/2018 2:06:25 PM



#40
Benzene
Concen: 22.527 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW006708.D
Acq: 07 Nov 2018 02:28

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.2	28.8





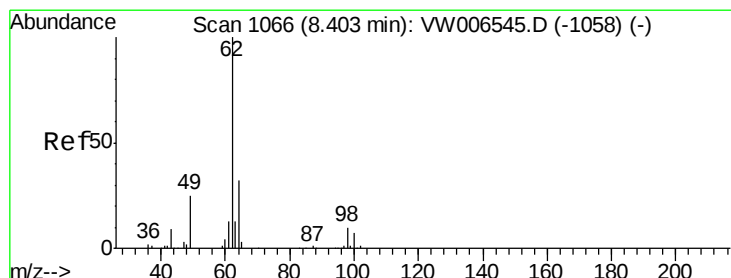
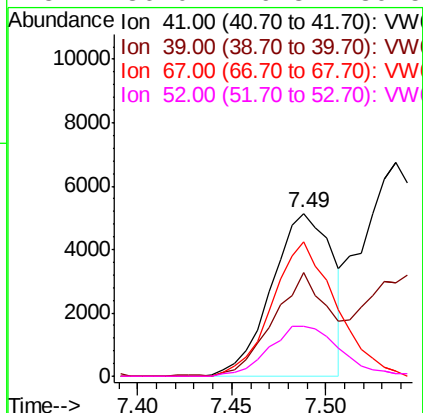
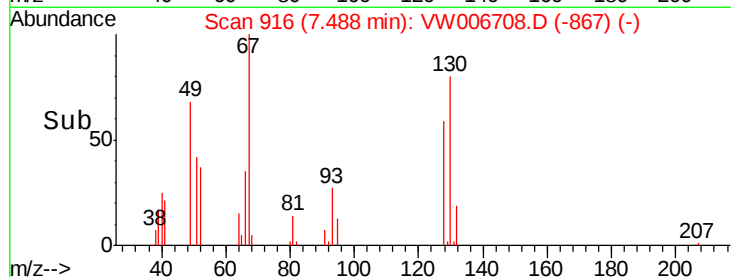
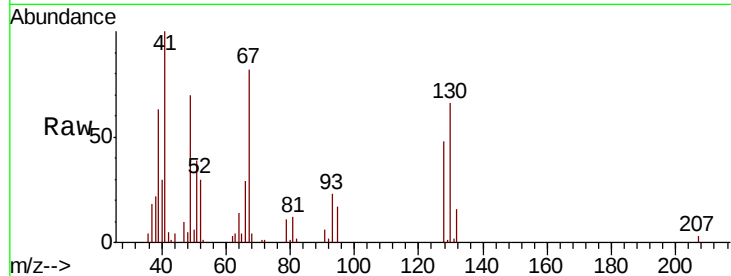
#41
Methacrylonitrile
Concen: 19.064 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW006708.D
Acq: 07 Nov 2018 02:28

Instrument :
MSVOA_W
ClientSampleId :
VW1106SBS02

Tot Ion	41	Resp	11572
Ion	Ratio	Lower	Upper
41	100		
39	56.9	44.5	66.7
67	86.3	63.8	95.8
52	36.0	26.3	39.5

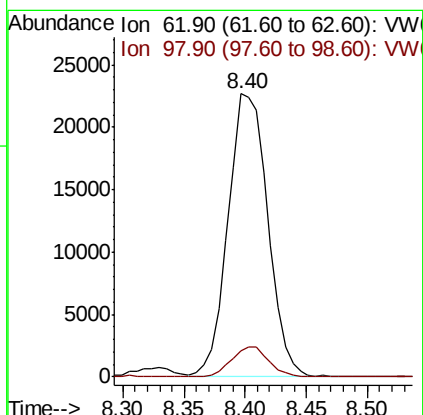
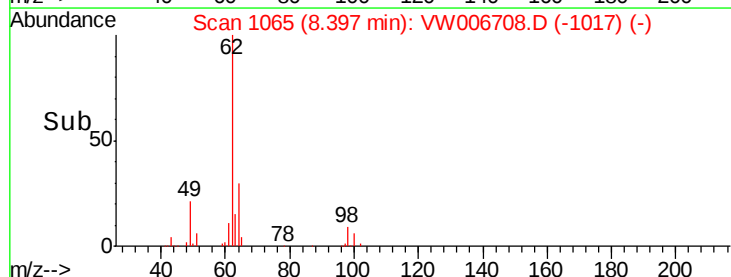
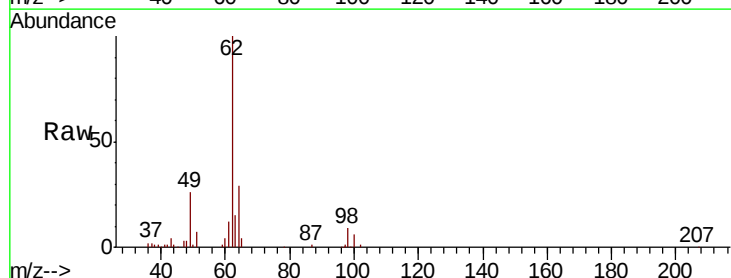
Manual Integrations
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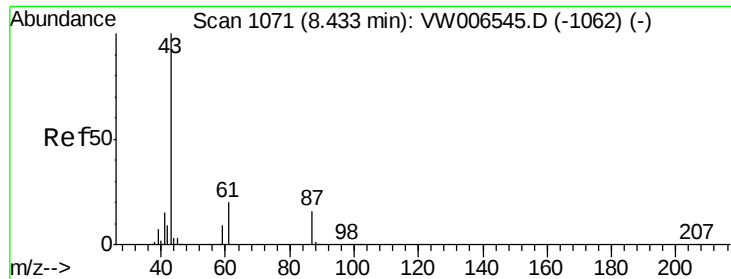
apatel
11/7/2018 2:06:25 PM



#42
1,2-Dichloroethane
Concen: 21.987 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.01 min
Lab File: VW006708.D
Acq: 07 Nov 2018 02:28

Tgt Ion	62	Resp	51159
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.8





#43

Isopropyl Acetate

Concen: 21.249 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.01 min

Lab File: VW006708.D

Acq: 07 Nov 2018 02:28

Instrument :

MSVOA_W

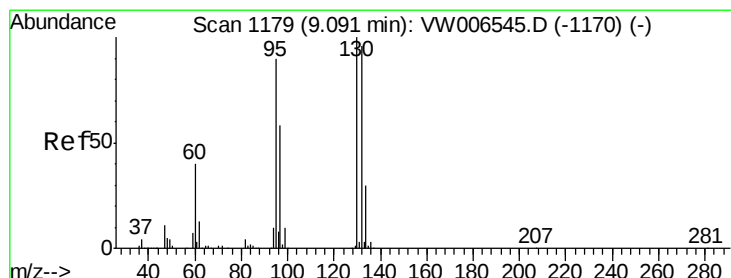
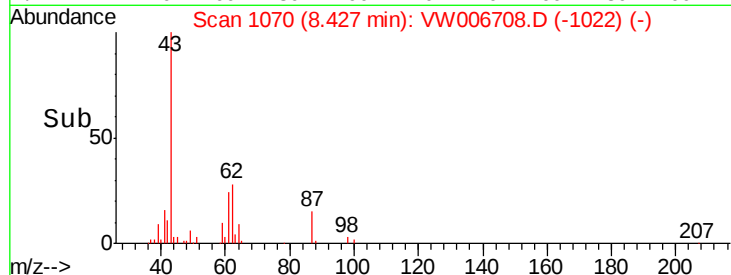
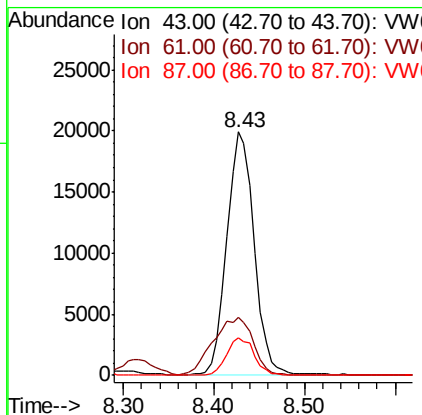
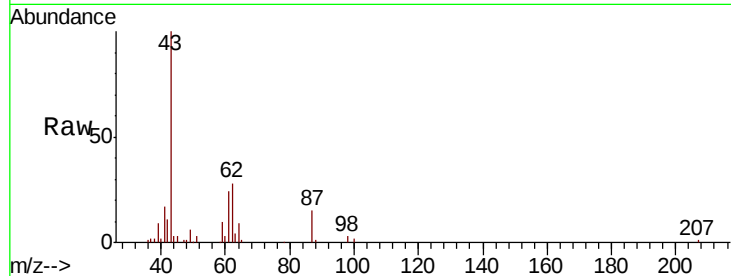
ClientSampleId :

VW1106SBS02

Tot Ion:	43	Resp:	41973
Ion	Ratio	Lower	Upper
43	100		
61	34.5	27.2	40.8
87	15.1	12.9	19.3

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#44

Trichloroethene

Concen: 21.831 ug/l

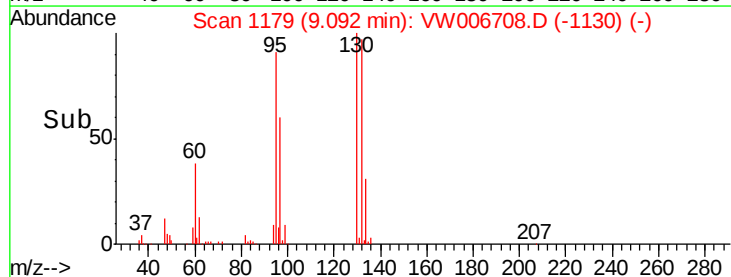
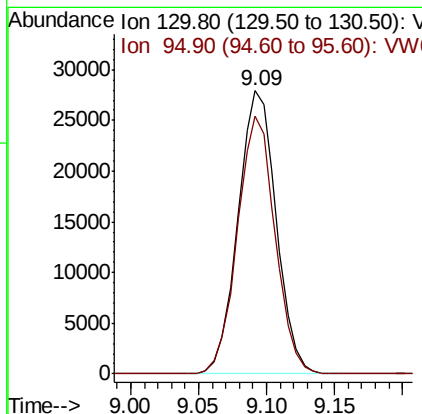
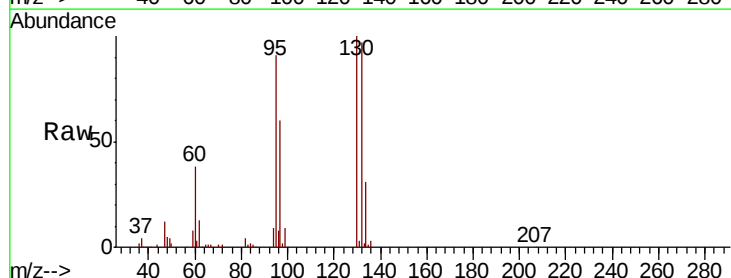
RT: 9.09 min Scan# 1179

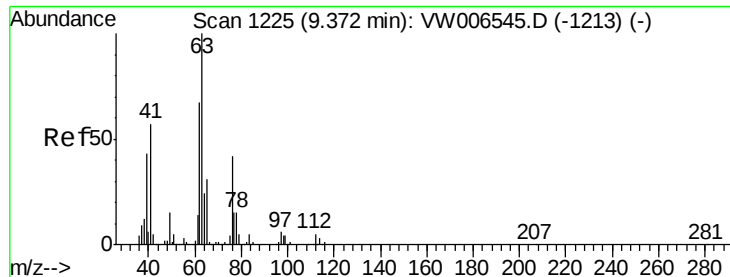
Delta R.T. 0.00 min

Lab File: VW006708.D

Acq: 07 Nov 2018 02:28

Tgt Ion:	130	Resp:	54658
Ion	Ratio	Lower	Upper
130	100		
95	91.2	0.0	179.2





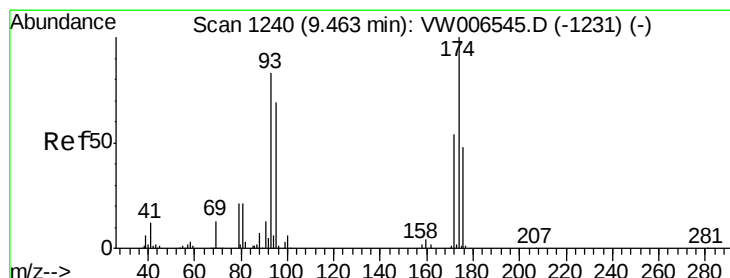
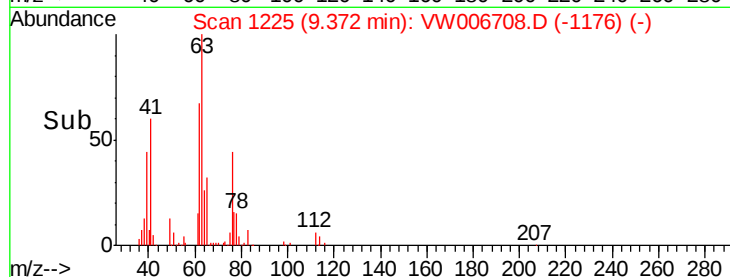
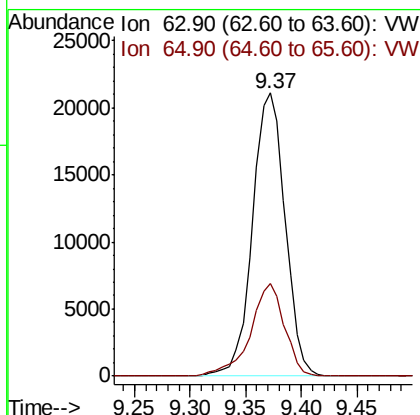
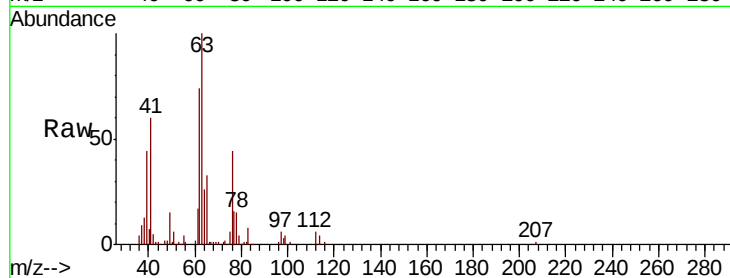
#45
 1,2-Dichloropropane
 Concen: 22.842 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW006708.D
 Acq: 07 Nov 2018 02:28

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1106SBS02

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.9	25.1	37.7

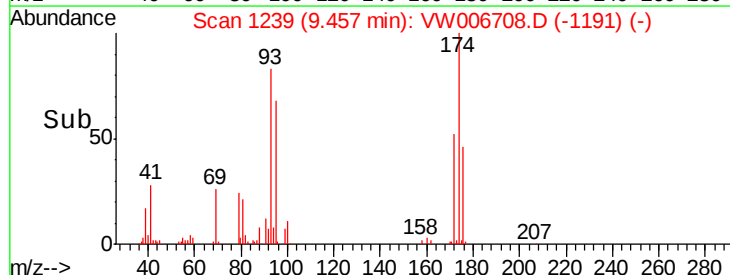
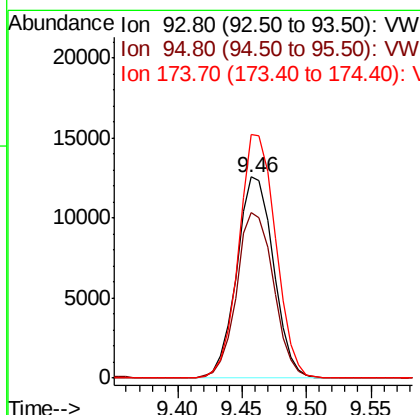
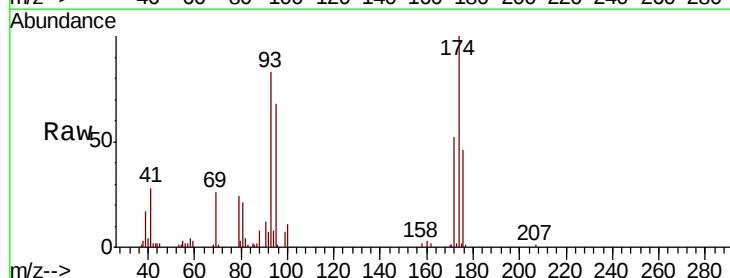
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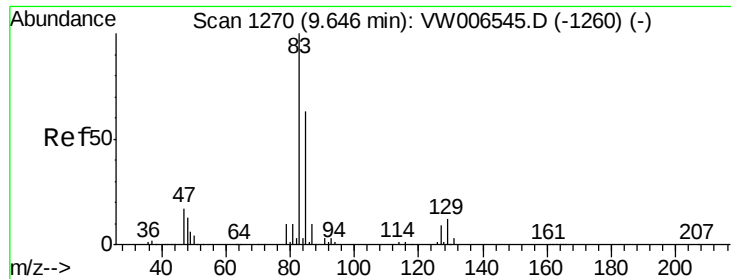
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#46
 Dibromomethane
 Concen: 22.436 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: VW006708.D
 Acq: 07 Nov 2018 02:28

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.5	67.2	100.8
174	121.0	97.3	145.9





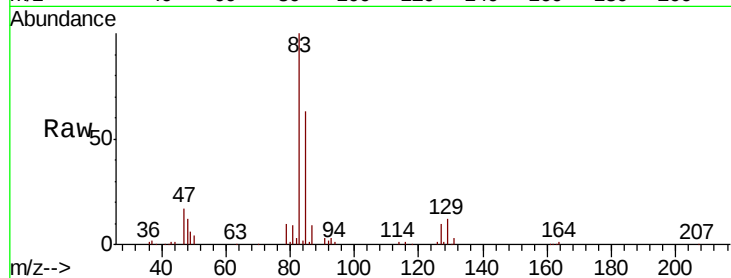
#47
 Bromodichloromethane
 Concen: 22.634 ug/l
 RT: 9.65 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VW006708.D
 Acq: 07 Nov 2018 02:28

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1106SBS02

Tot Ion	83	Resp	58330
Ion Ratio	100	Lower	Upper
83	100		
85	62.7	50.6	75.8
127	10.1	7.5	11.3

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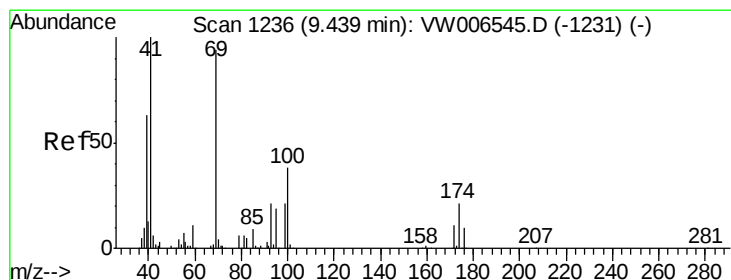
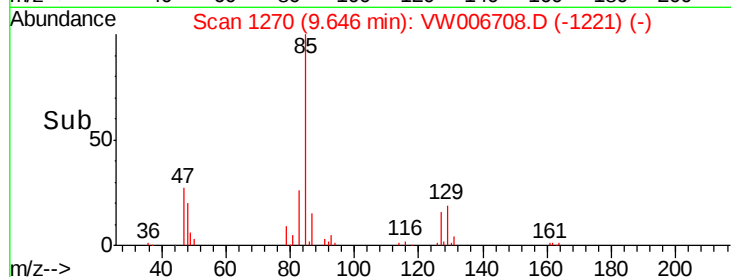
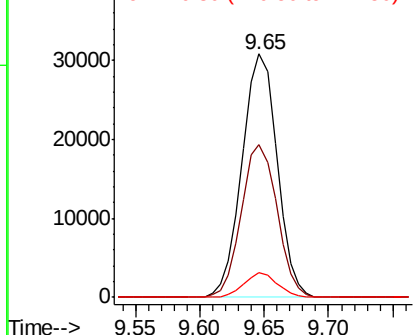


Abundance

Ion 82.90 (82.60 to 83.60): VW

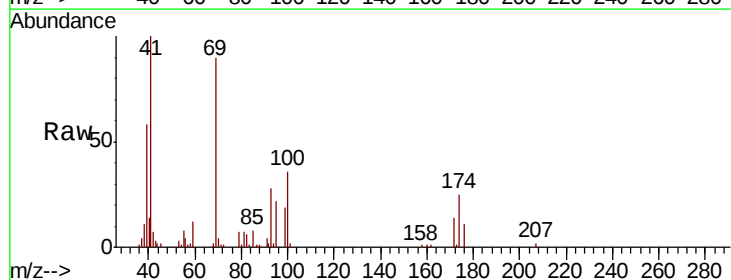
Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): VW



#48
 Methyl methacrylate
 Concen: 21.138 ug/l
 RT: 9.44 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: VW006708.D
 Acq: 07 Nov 2018 02:28

Tgt Ion	41	Resp	20117
Ion Ratio	100	Lower	Upper
41	100		
69	99.2	77.8	116.8
39	64.2	48.7	73.1

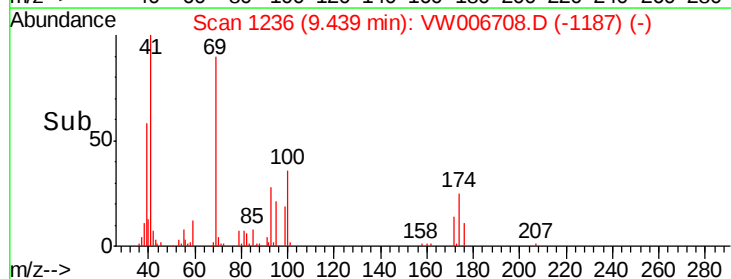
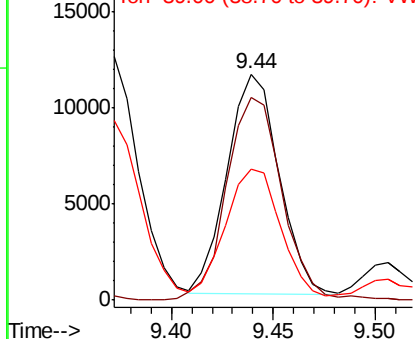


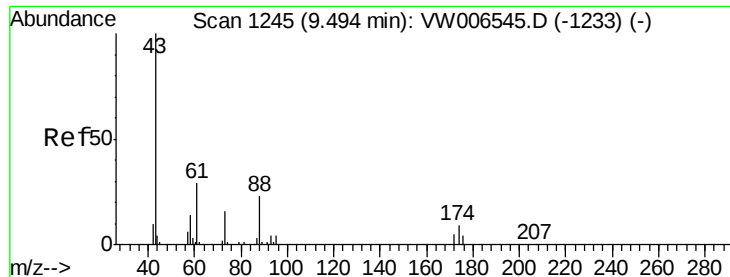
Abundance

Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





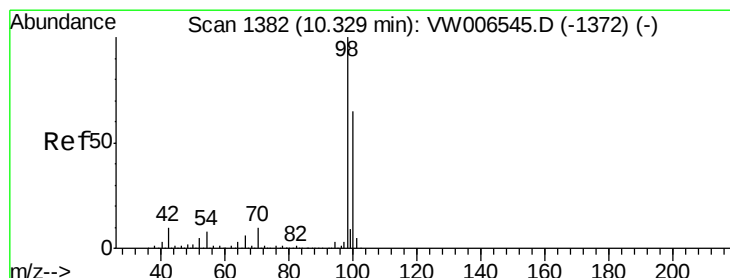
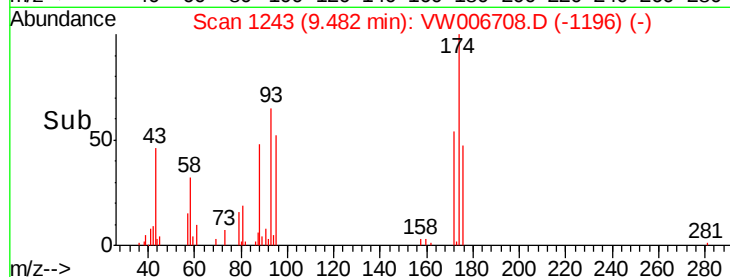
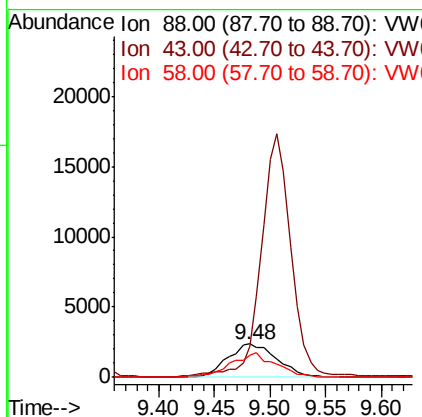
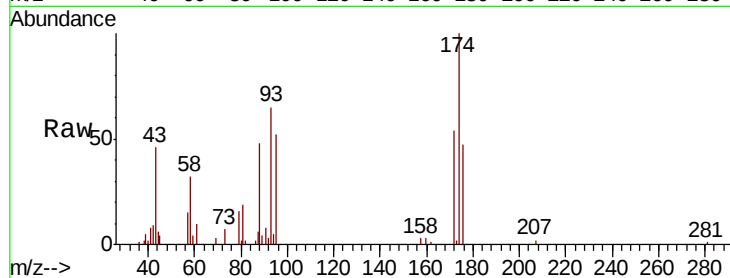
#49
1,4-Dioxane
Concen: 452.920 ug/l
RT: 9.48 min Scan# 1243
Delta R.T. -0.01 min
Lab File: VW006708.D
Acq: 07 Nov 2018 02:28

Instrument :
MSVOA_W
ClientSampleId :
VW1106SBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	356.6	534.8#
58	65.9	51.4	77.2

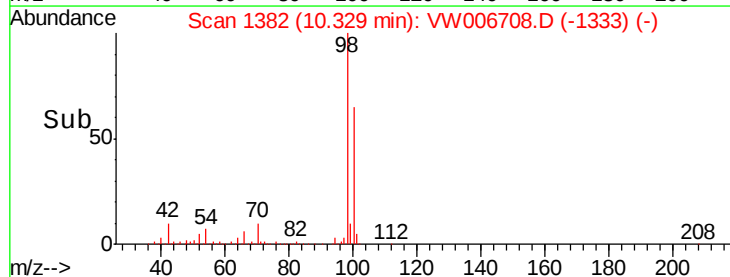
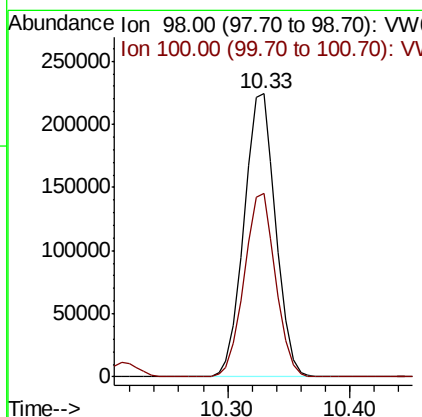
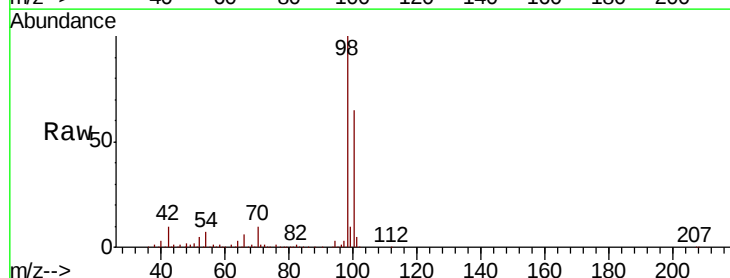
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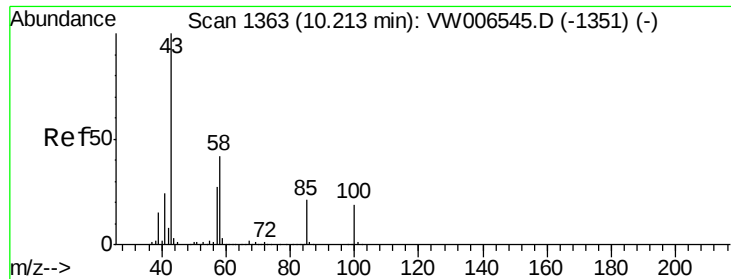
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#50
Toluene-d8
Concen: 51.808 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006708.D
Acq: 07 Nov 2018 02:28

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 105.546 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW006708.D

Acq: 07 Nov 2018 02:28

Instrument :

MSVOA_W

ClientSampled :

VW1106SBS02

Tot Ion: 43 Resp: 107074

Ion Ratio Lower Upper

43 100

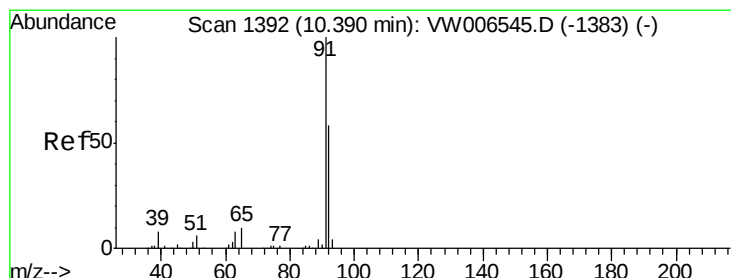
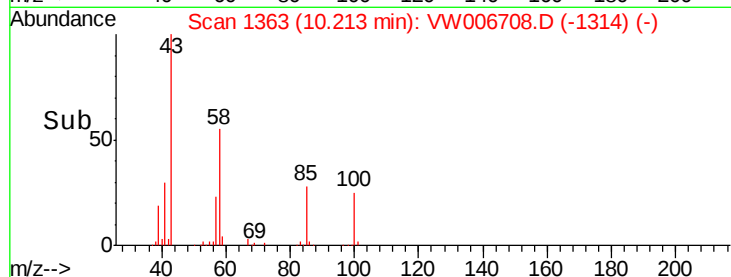
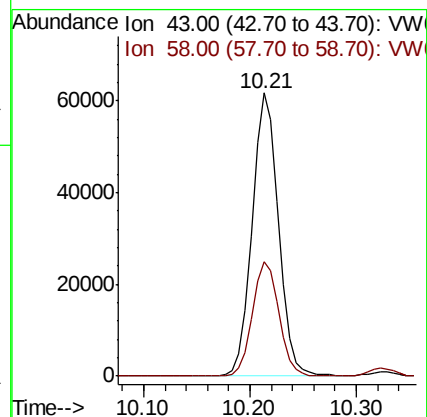
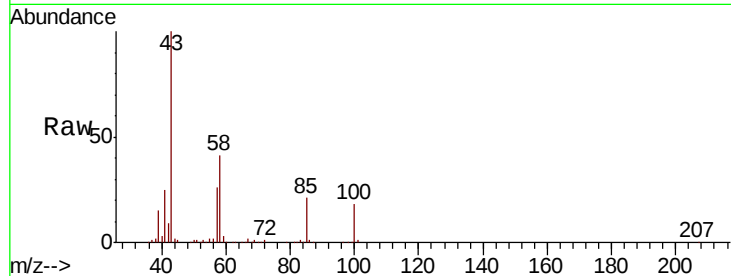
58 40.8 33.4 50.0

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#52

Toluene

Concen: 21.884 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006708.D

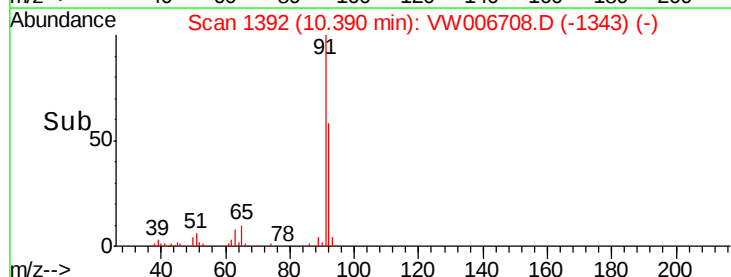
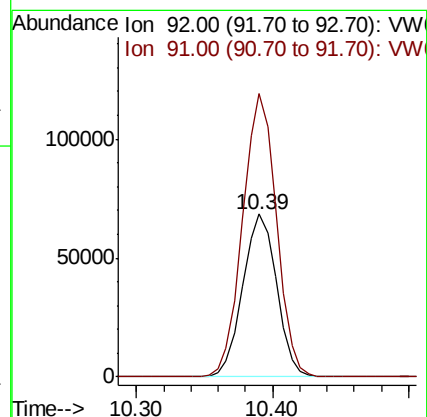
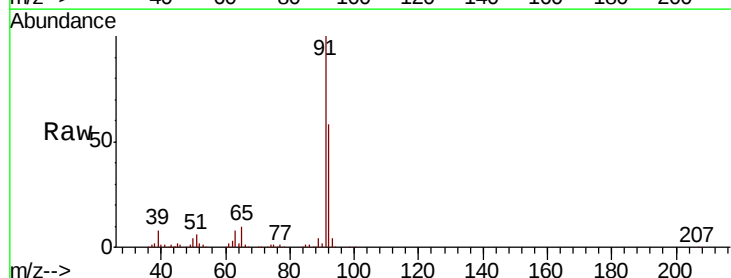
Acq: 07 Nov 2018 02:28

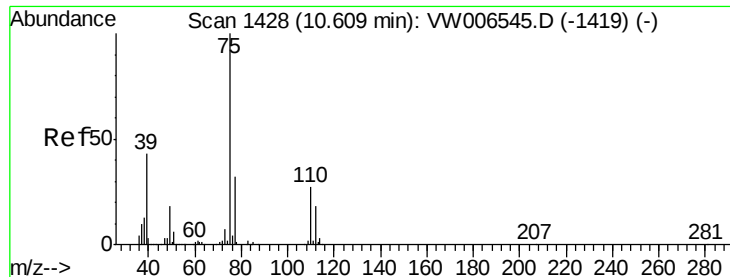
Tgt Ion: 92 Resp: 119090

Ion Ratio Lower Upper

92 100

91 173.8 138.6 208.0





#53

t-1,3-Dichloropropene

Concen: 21.349 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW006708.D

Acq: 07 Nov 2018 02:28

Instrument :

MSVOA_W

ClientSampleId :

VW1106SBS02

Tot Ion: 75 Resp: 52951

Ion Ratio Lower Upper

75 100

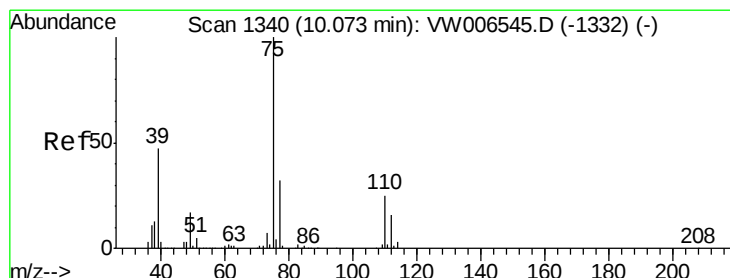
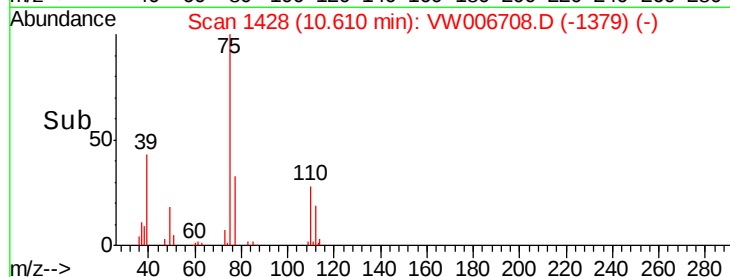
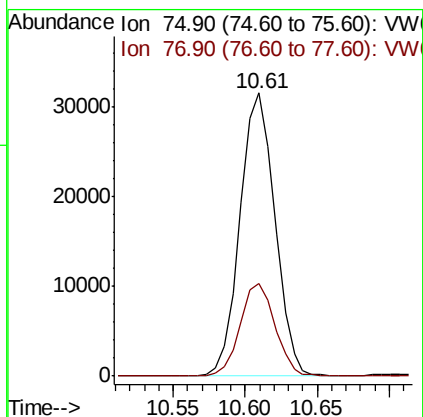
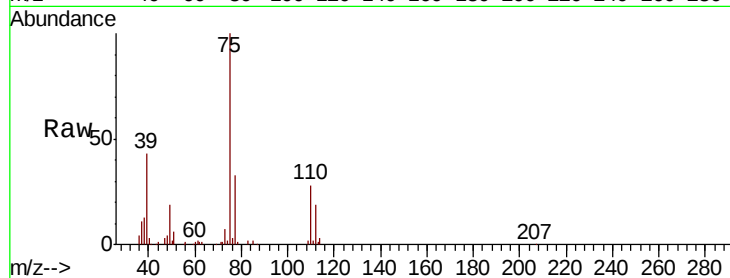
77 32.9 25.6 38.4

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#54

cis-1,3-Dichloropropene

Concen: 21.684 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW006708.D

Acq: 07 Nov 2018 02:28

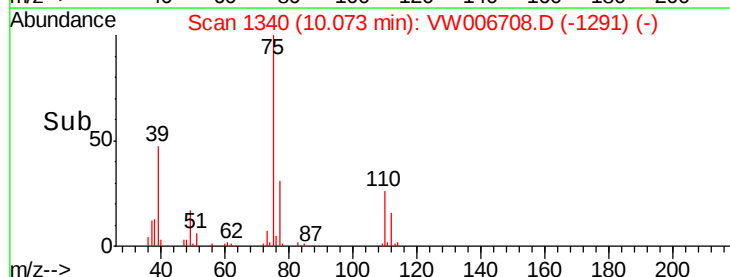
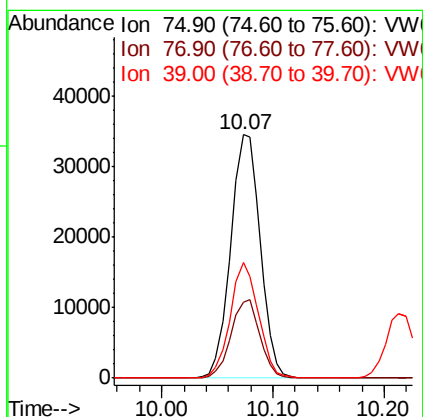
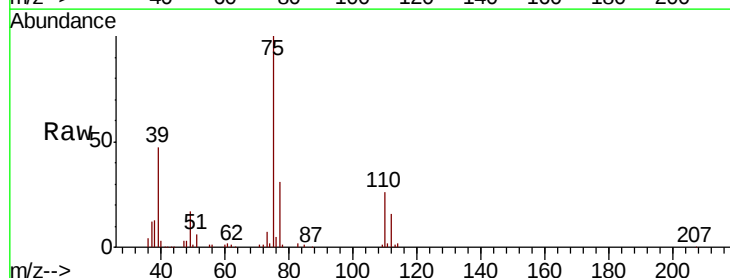
Tgt Ion: 75 Resp: 63556

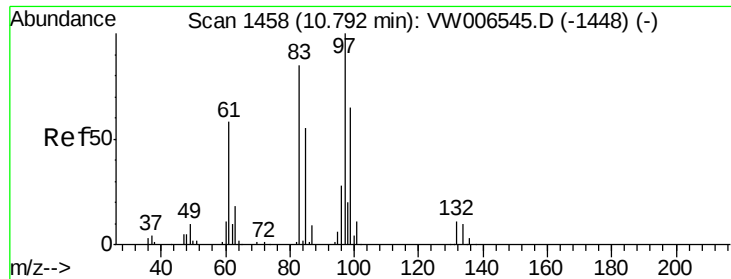
Ion Ratio Lower Upper

75 100

77 31.0 25.7 38.5

39 47.3 37.3 55.9





#55

1,1,2-Trichloroethane

Concen: 22.388 ug/l

RT: 10.79 min Scan# 1458

Delta R.T. 0.00 min

Lab File: VW006708.D

Acq: 07 Nov 2018 02:28

Instrument :

MSVOA_W

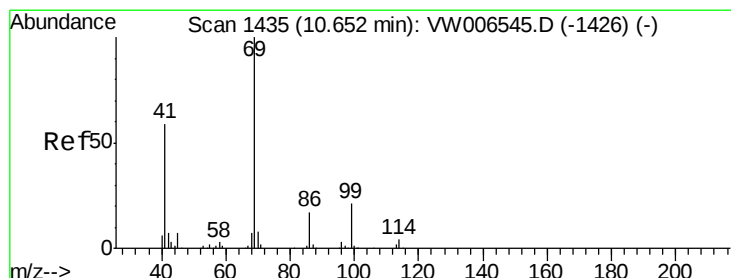
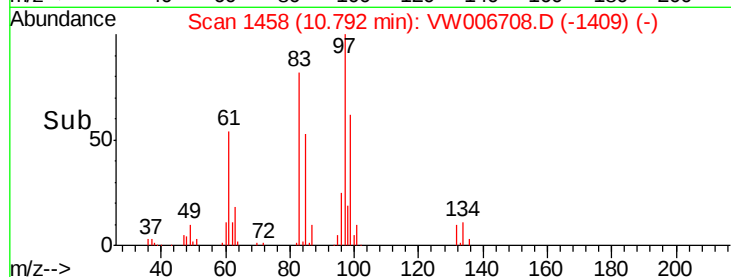
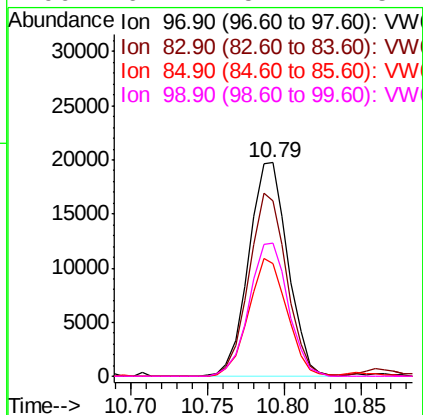
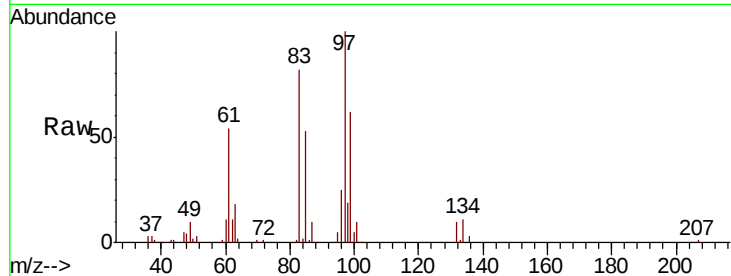
ClientSampleId :

VW1106SBS02

Tot Ion:	97	Resp:	35257
Ion	Ratio	Lower	Upper
97	100		
83	81.9	67.9	101.9
85	53.0	44.0	66.0
99	62.1	52.2	78.2

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#56

Ethyl methacrylate

Concen: 20.447 ug/l

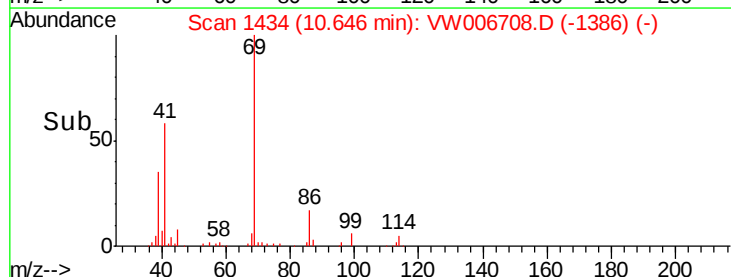
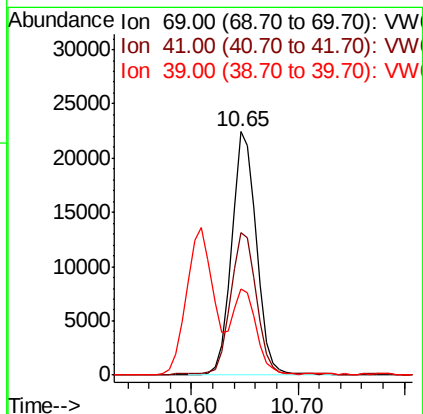
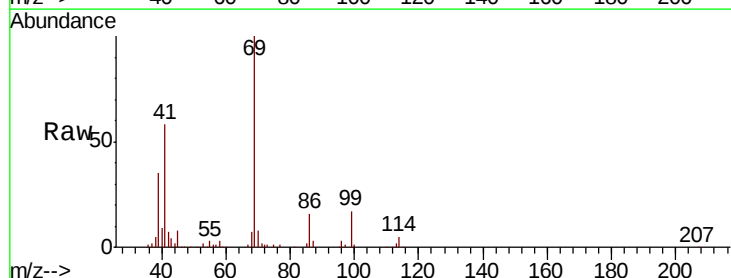
RT: 10.65 min Scan# 1434

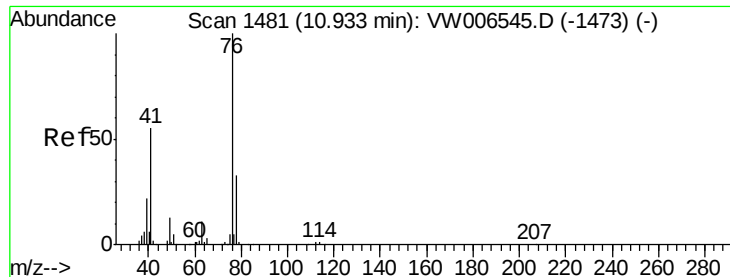
Delta R.T. -0.01 min

Lab File: VW006708.D

Acq: 07 Nov 2018 02:28

Tgt Ion:	69	Resp:	36598
Ion	Ratio	Lower	Upper
69	100		
41	62.6	47.4	71.2
39	31.5	25.3	37.9





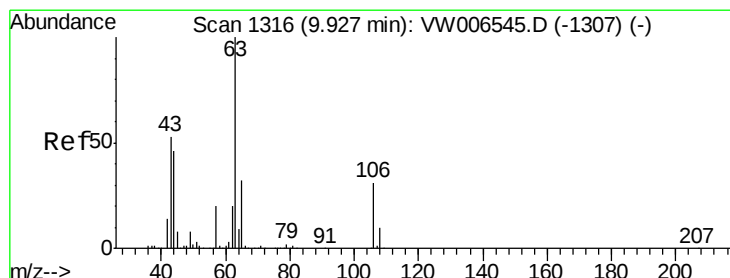
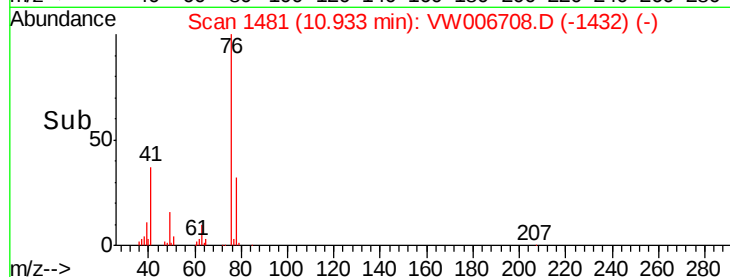
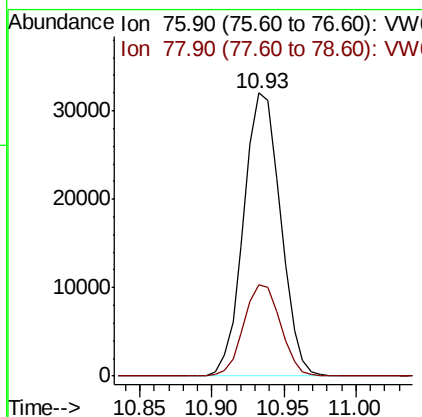
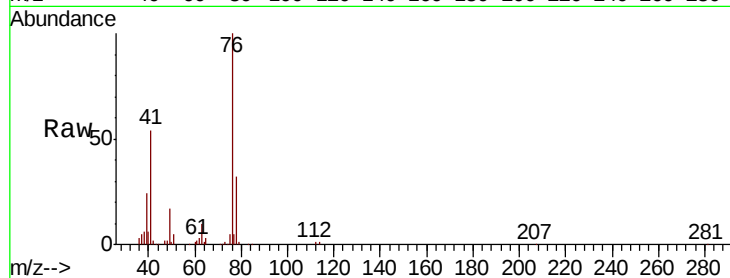
#57
 1,3-Dichloropropane
 Concen: 22.243 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW006708.D
 Acq: 07 Nov 2018 02:28

Instrument :
 MSVOA_W
 ClientSampled :
 VW1106SBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.0	26.2	39.4

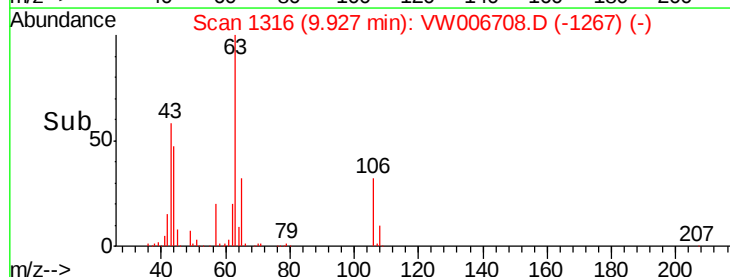
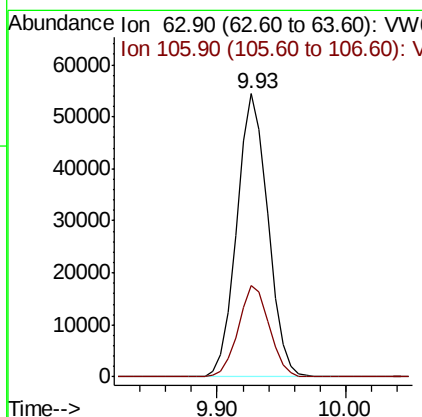
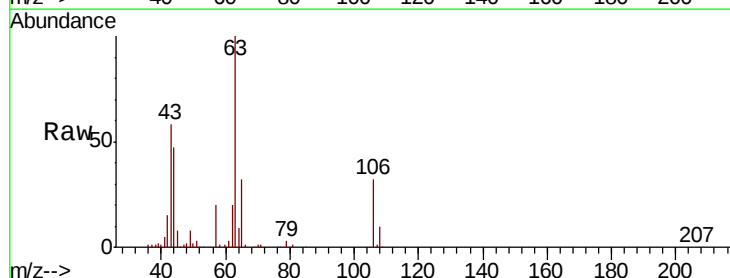
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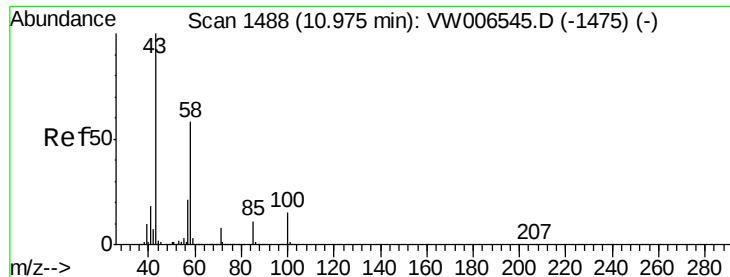
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#58
 2-Chloroethyl Vinyl ether
 Concen: 104.298 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW006708.D
 Acq: 07 Nov 2018 02:28

Tgt Ion	Ratio	Lower	Upper
63	100		
106	31.9	25.4	38.2





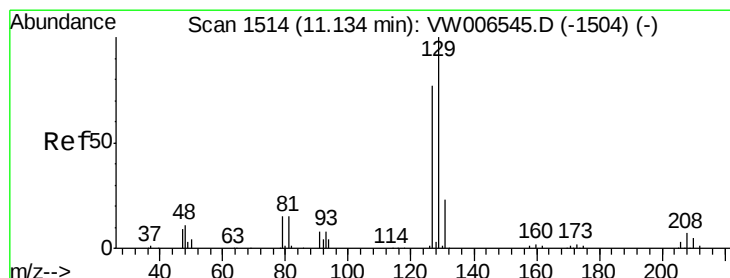
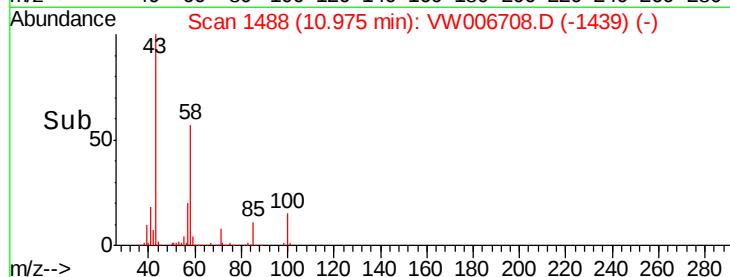
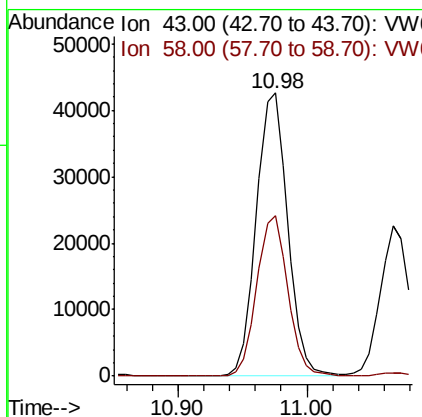
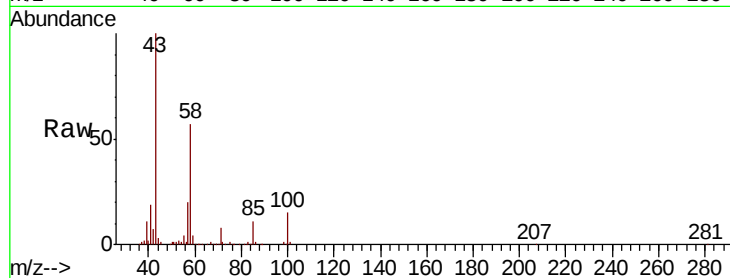
#59
2-Hexanone
Concen: 104.144 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VW006708.D
Acq: 07 Nov 2018 02:28

Instrument :
MSVOA_W
ClientSampleId :
VW1106SBS02

Tot Ion: 43 Resp: 71758
Ion Ratio Lower Upper
43 100
58 56.3 28.8 86.4

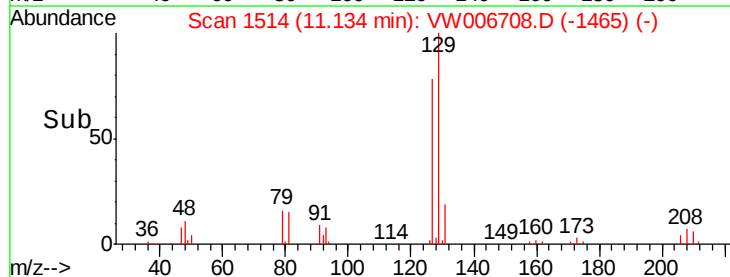
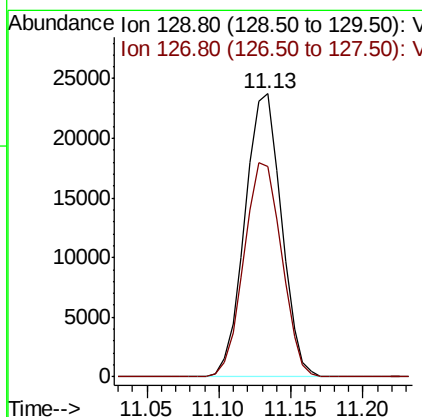
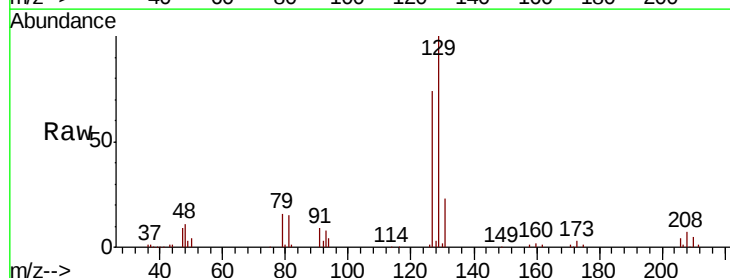
Manual Integrations
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#60
Dibromochloromethane
Concen: 22.349 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VW006708.D
Acq: 07 Nov 2018 02:28

Tgt Ion: 129 Resp: 41700
Ion Ratio Lower Upper
129 100
127 78.0 38.8 116.3





#61

1,2-Dibromoethane

Concen: 21.753 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW006708.D

Acq: 07 Nov 2018 02:28

Instrument :

MSVOA_W

ClientSampleId :

VW1106SBS02

Tot Ion:107 Resp: 34019

Ion Ratio Lower Upper

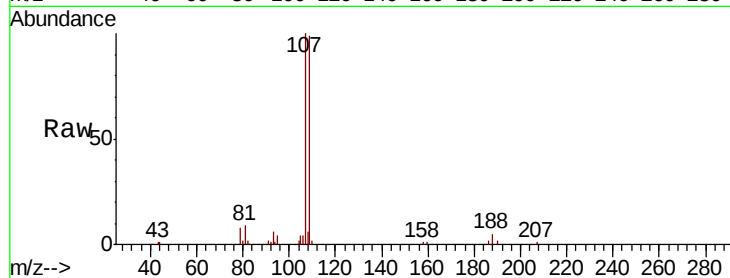
107 100

109 94.7 75.8 113.6

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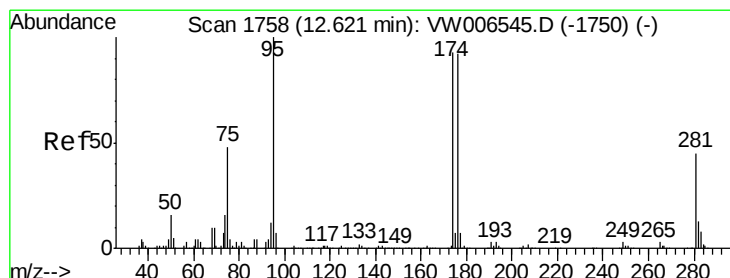
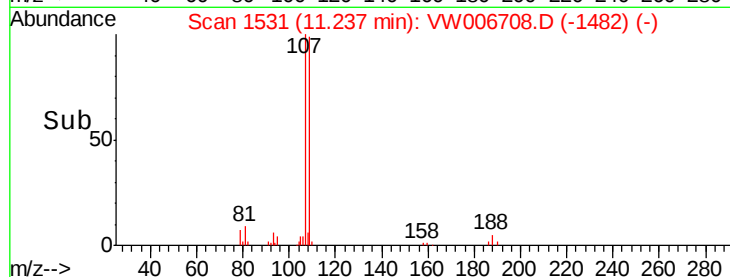
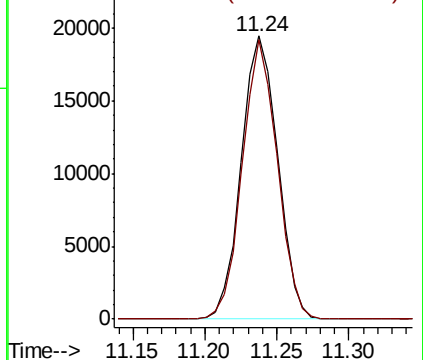
apatel

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.423 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006708.D

Acq: 07 Nov 2018 02:28

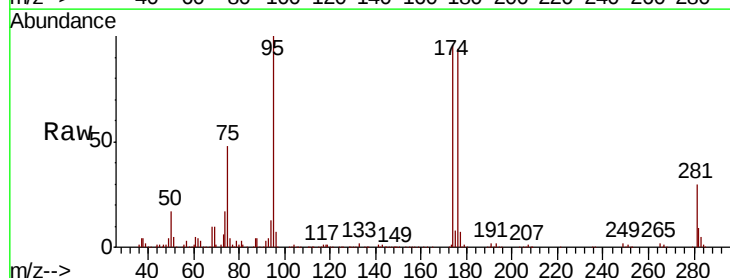
Tgt Ion: 95 Resp: 144672

Ion Ratio Lower Upper

95 100

174 98.1 0.0 192.4

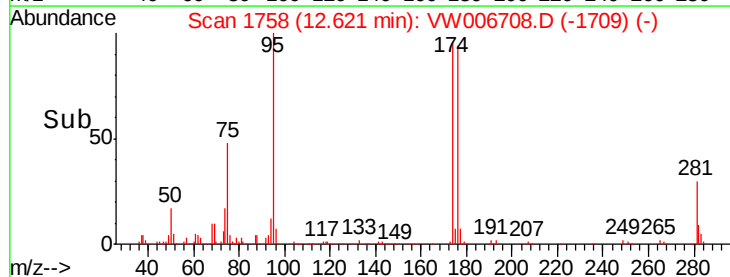
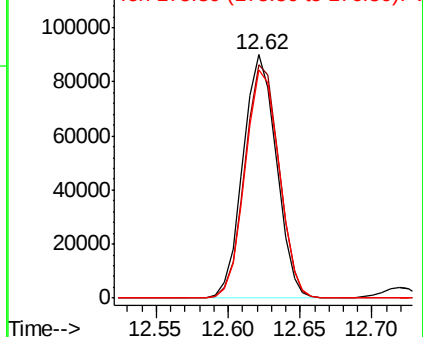
176 95.3 0.0 187.4

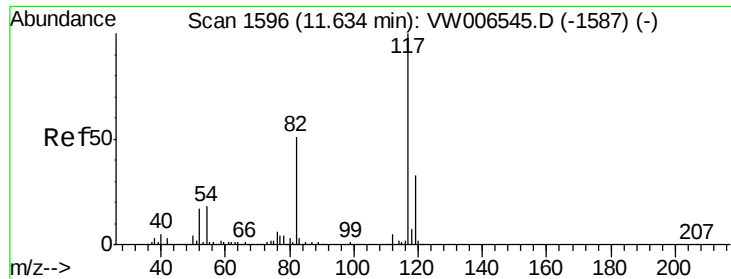


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





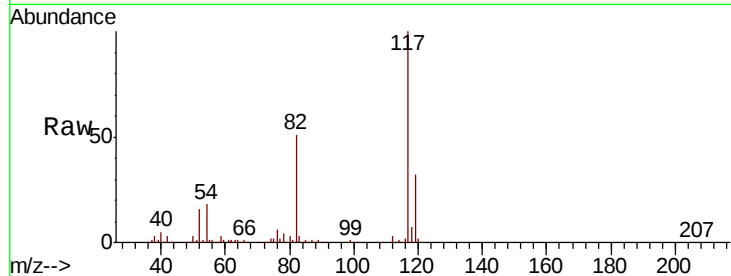
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006708.D
Acq: 07 Nov 2018 02:28

Instrument :
MSVOA_W
ClientSampleId :
VW1106SBS02

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.9	40.8	61.2
119	32.0	26.1	39.1

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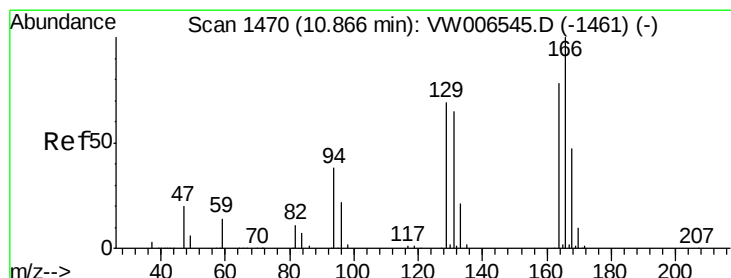
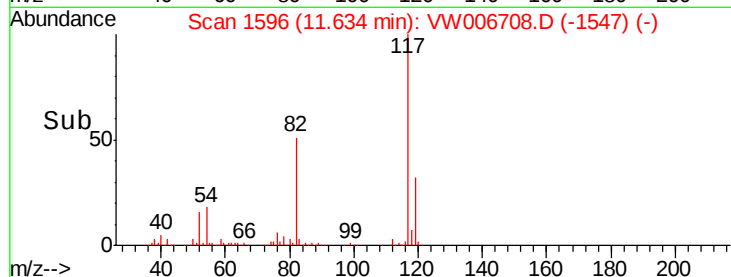
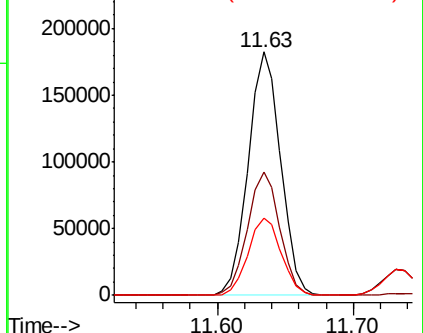


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 21.528 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006708.D
Acq: 07 Nov 2018 02:28

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.5	102.8	154.2
129	92.5	70.9	106.3
131	85.6	67.0	100.6

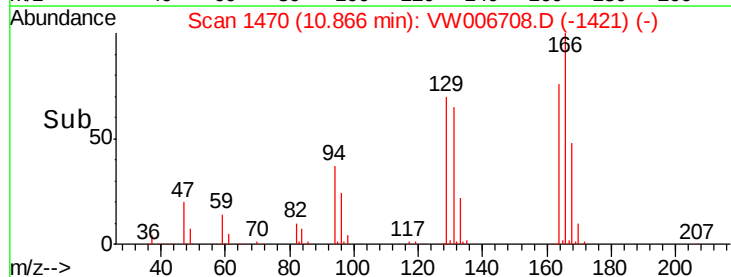
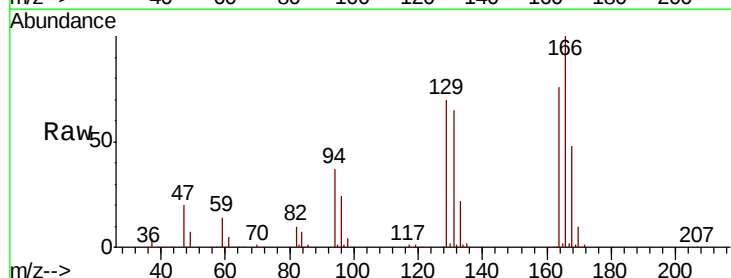
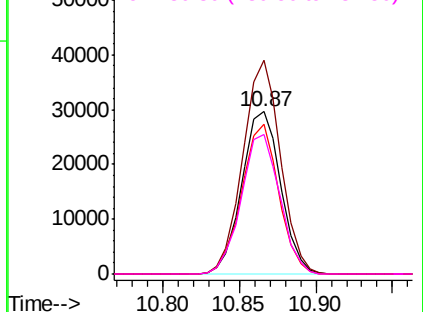
Abundance

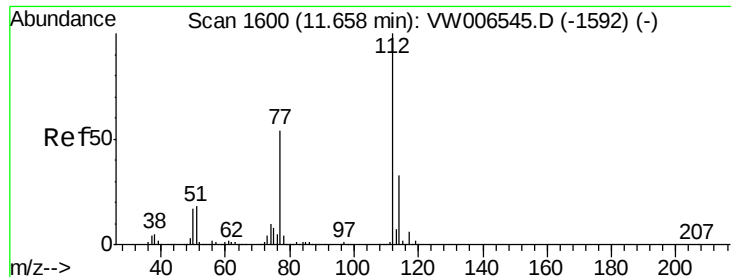
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





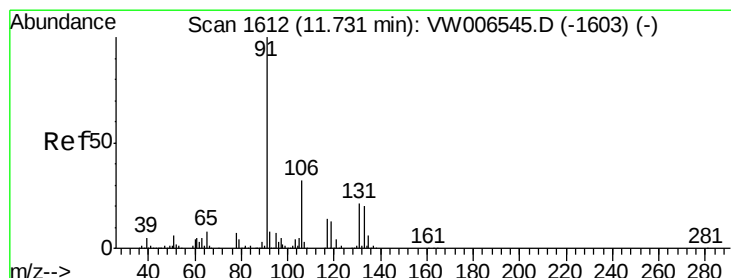
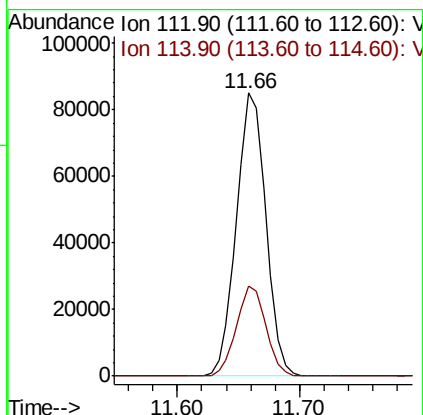
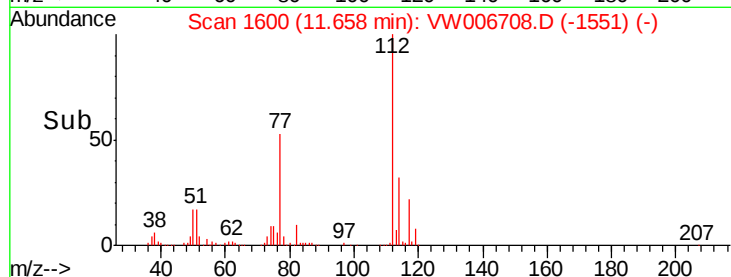
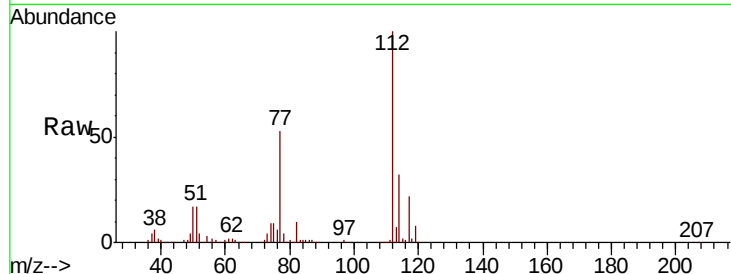
#65
Chlorobenzene
Concen: 22.119 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW006708.D
Acq: 07 Nov 2018 02:28

Instrument :
MSVOA_W
ClientSampleId :
VW1106SBS02

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.8	26.2	39.2

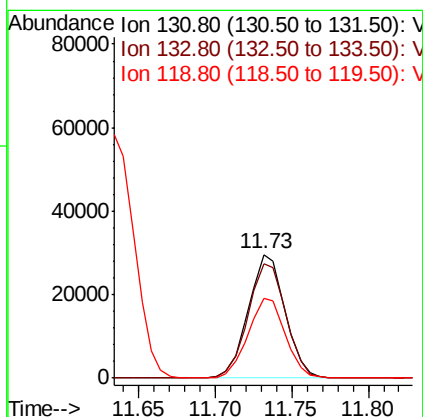
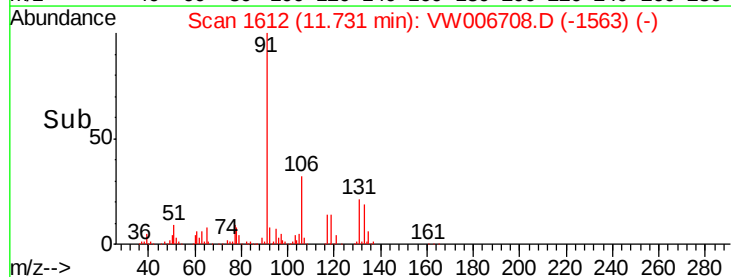
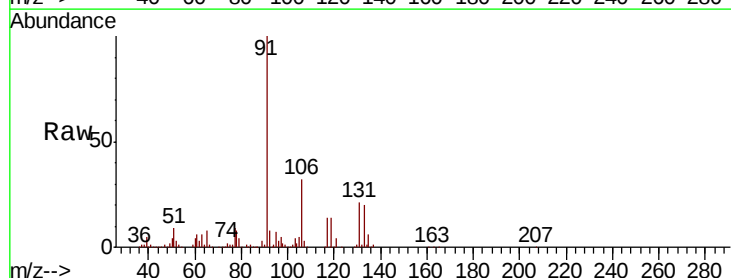
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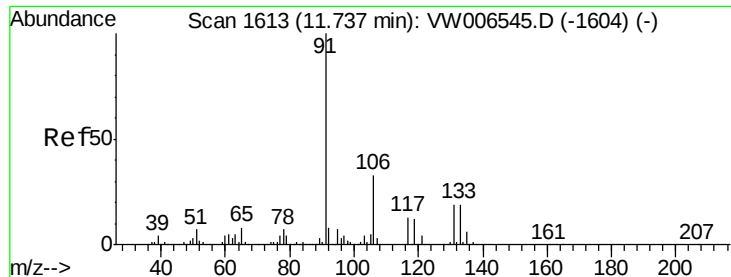
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.964 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW006708.D
Acq: 07 Nov 2018 02:28

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.7	47.5	142.5
119	65.4	31.9	95.5





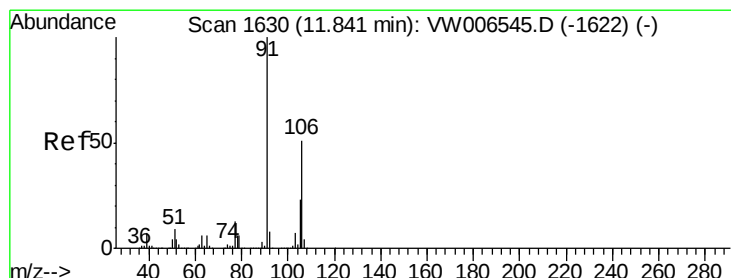
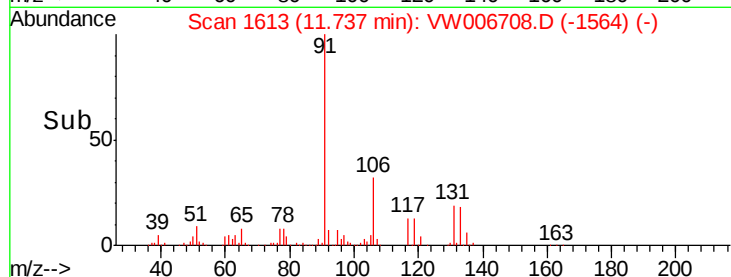
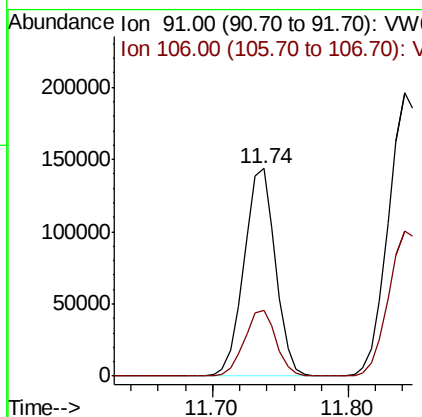
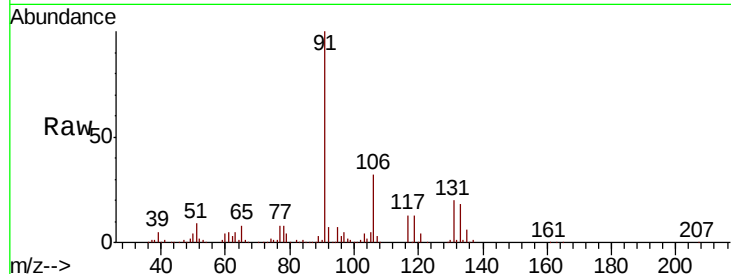
#67
Ethyl Benzene
Concen: 21.687 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW006708.D
Acq: 07 Nov 2018 02:28

Instrument :
MSVOA_W
ClientSampleId :
VW1106SBS02

Tot Ion	Ratio	Lower	Upper
91	100		
106	31.7	26.3	39.5

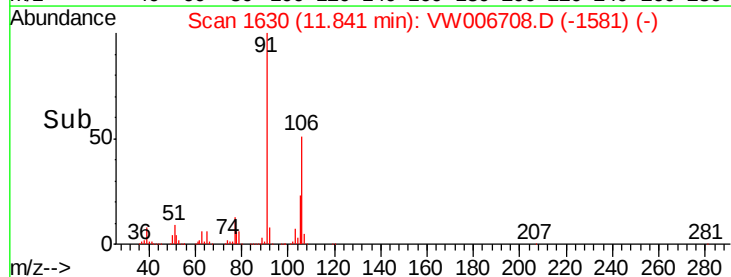
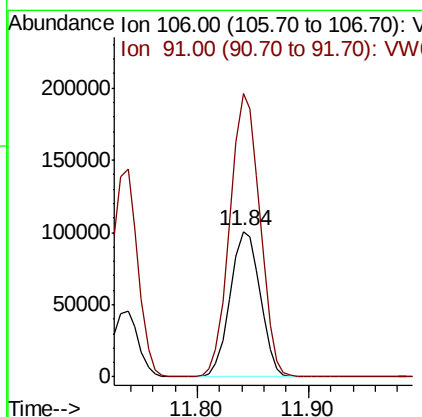
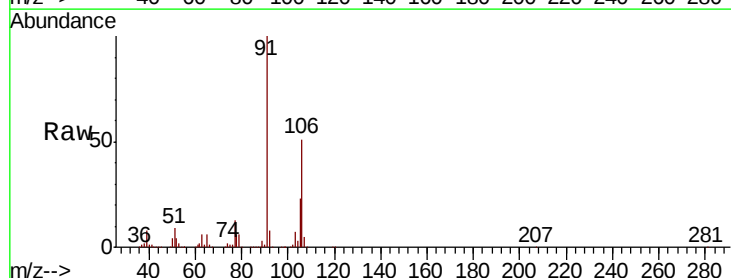
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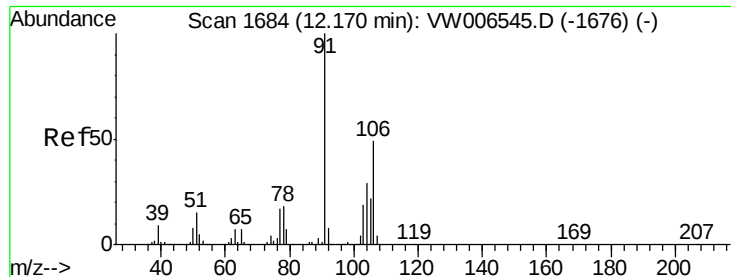
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#68
m/p-Xylenes
Concen: 44.013 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW006708.D
Acq: 07 Nov 2018 02:28

Tgt Ion	Ratio	Lower	Upper
106	100		
91	193.8	156.7	235.1





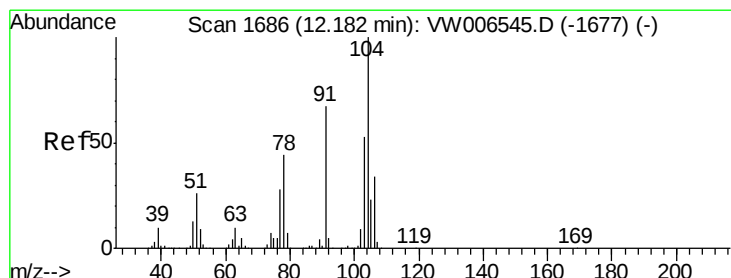
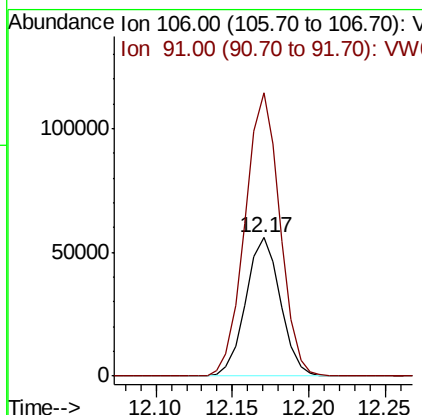
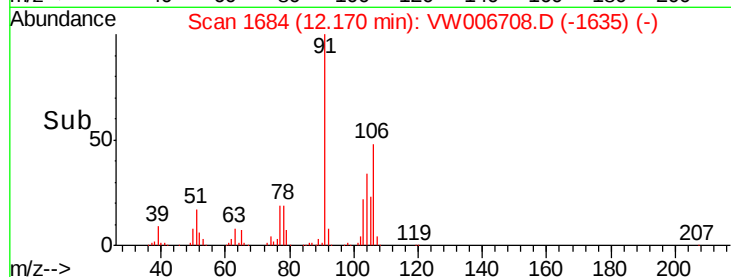
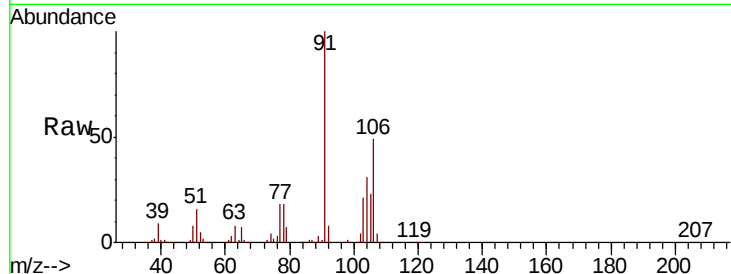
#69
o-Xylene
Concen: 21.600 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006708.D
Acq: 07 Nov 2018 02:28

Instrument :
MSVOA_W
ClientSampleId :
VW1106SBS02

Tot Ion:106 Resp: 88095
Ion Ratio Lower Upper
106 100
91 206.0 102.8 308.4

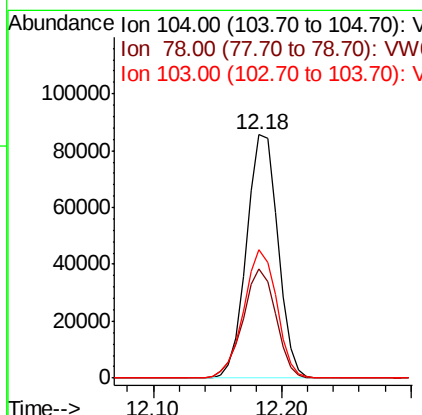
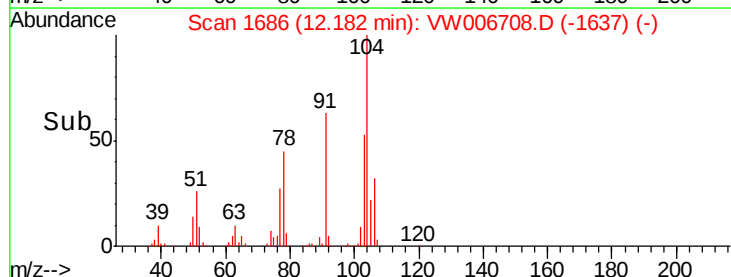
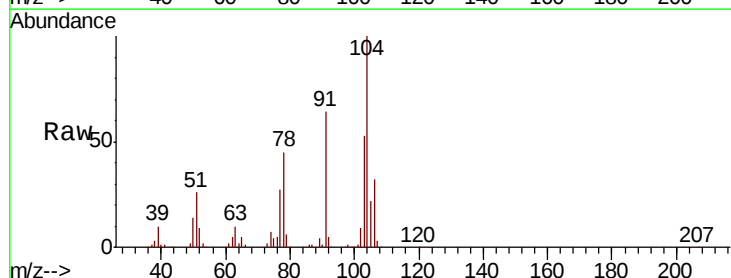
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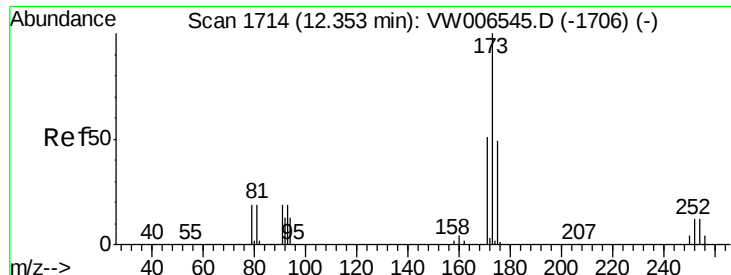
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#70
Styrene
Concen: 21.660 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW006708.D
Acq: 07 Nov 2018 02:28

Tgt Ion:104 Resp: 144022
Ion Ratio Lower Upper
104 100
78 47.0 37.2 55.8
103 55.4 44.2 66.2





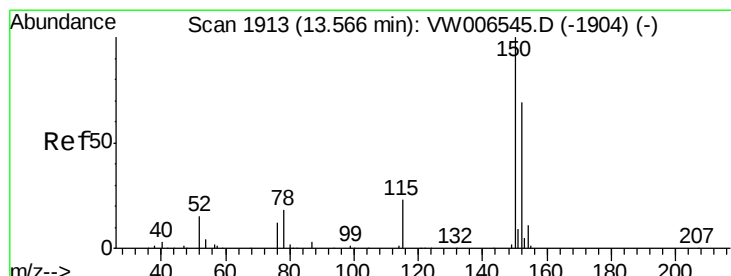
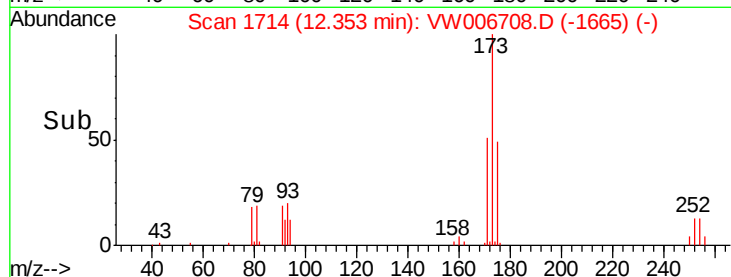
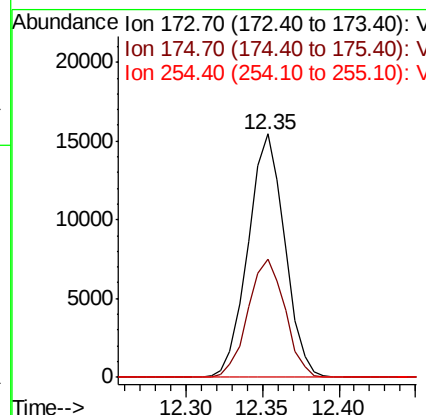
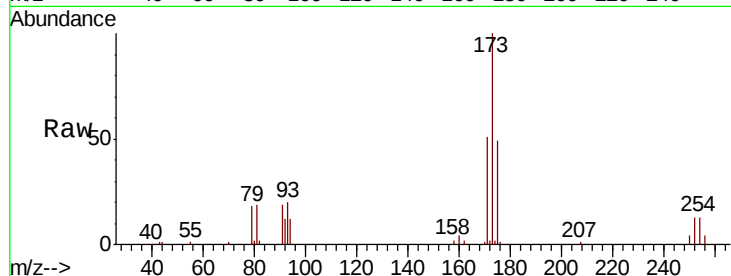
#71
Bromoform
Concen: 21.536 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.00 min
Lab File: VW006708.D
Acq: 07 Nov 2018 02:28

Instrument :
MSVOA_W
ClientSampleId :
VW1106SBS02

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.1	24.1	72.4
254	0.0	0.1	0.1#

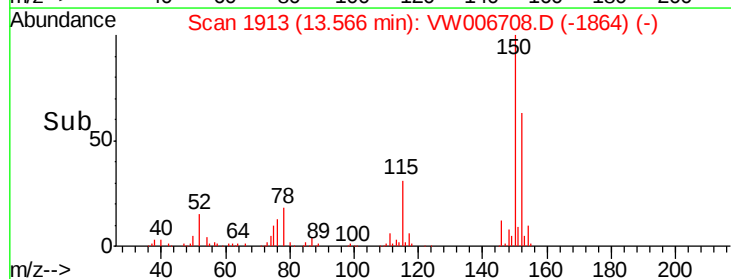
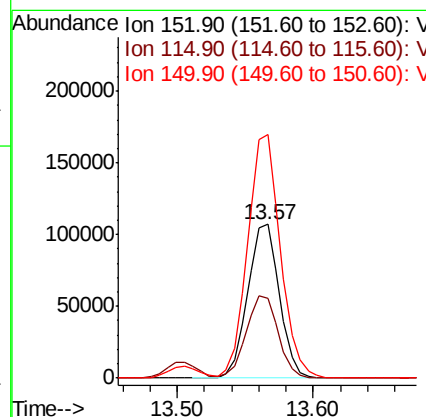
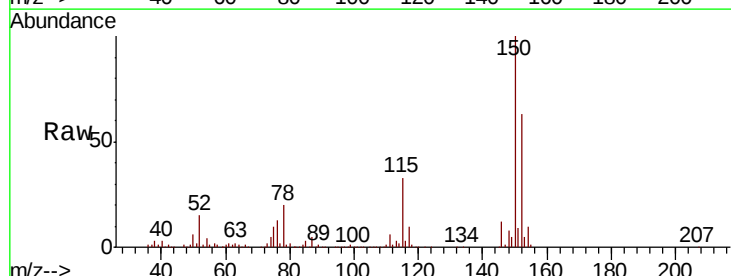
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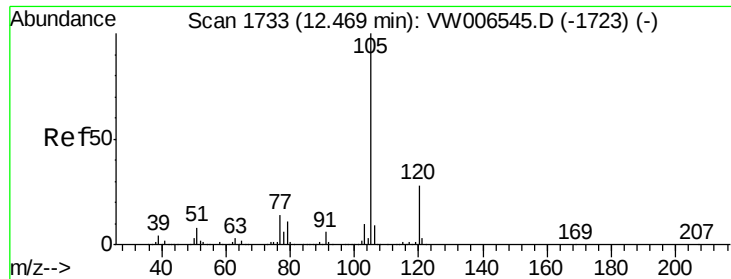
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006708.D
Acq: 07 Nov 2018 02:28

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.8	26.6	79.8
150	163.5	0.0	344.6





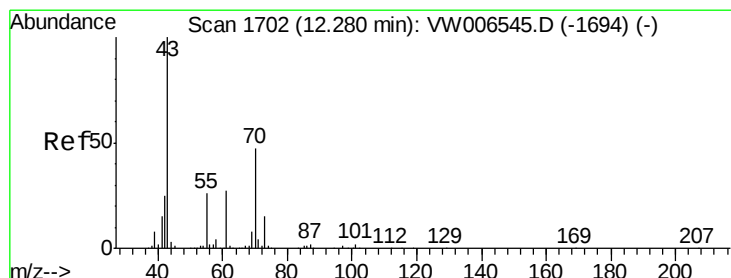
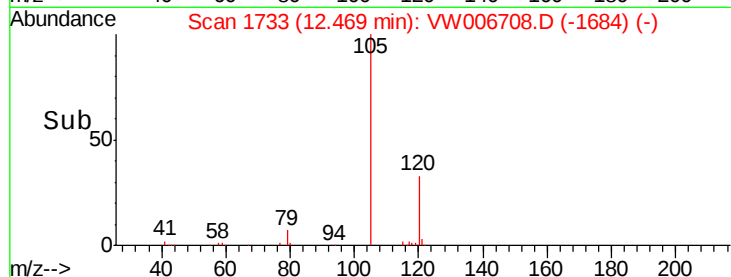
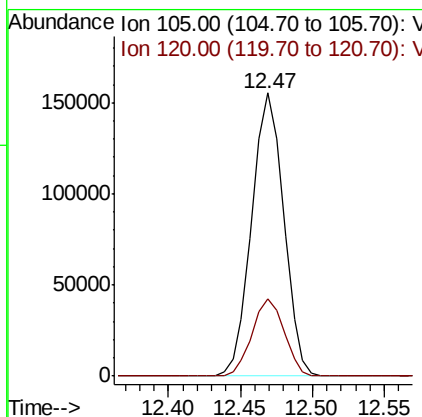
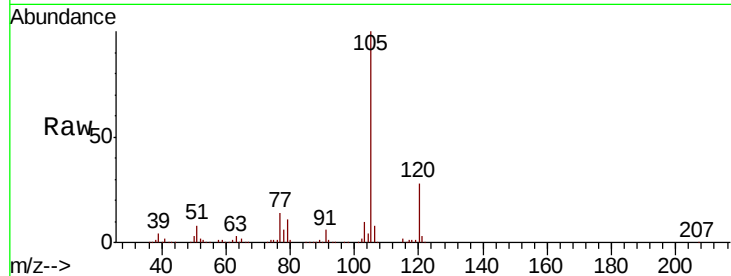
#73
Isopropylbenzene
Concen: 20.759 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VW006708.D
Acq: 07 Nov 2018 02:28

Instrument :
MSVOA_W
ClientSampleId :
VW1106SBS02

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.4	13.7	41.1

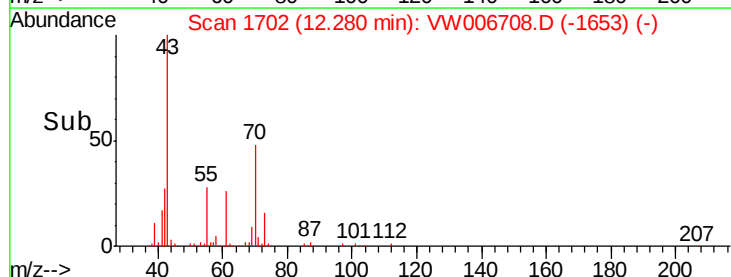
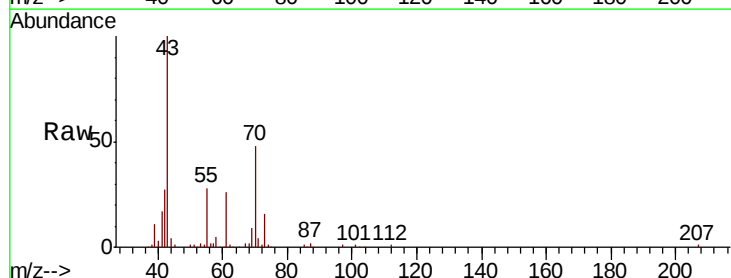
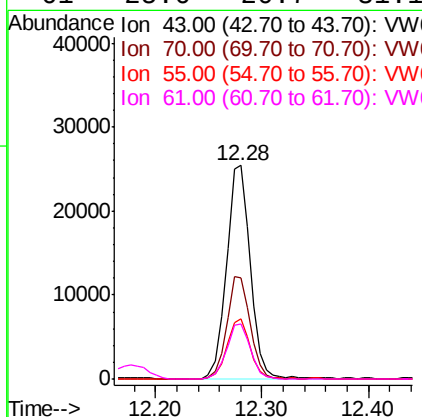
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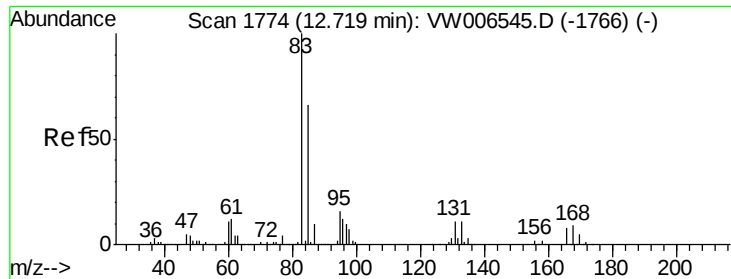
apatel
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#74
N-ethyl acetate
Concen: 20.151 ug/l
RT: 12.28 min Scan# 1702
Delta R.T. 0.00 min
Lab File: VW006708.D
Acq: 07 Nov 2018 02:28

Tgt Ion	Ratio	Lower	Upper
43	100		
70	46.8	36.9	55.3
55	27.4	20.7	31.1
61	25.6	20.7	31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 21.382 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW006708.D

Acq: 07 Nov 2018 02:28

Instrument :

MSVOA_W

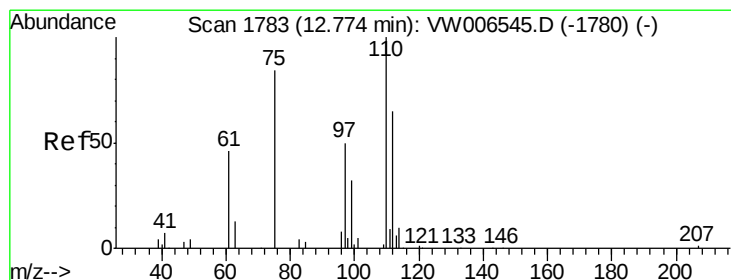
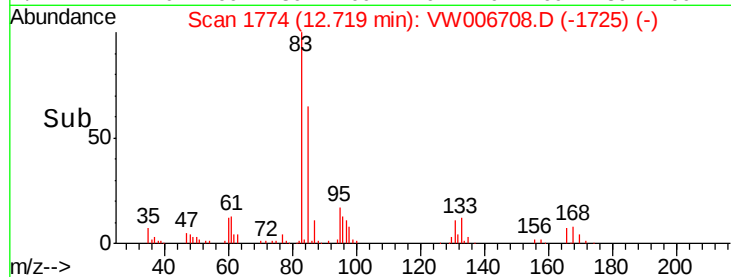
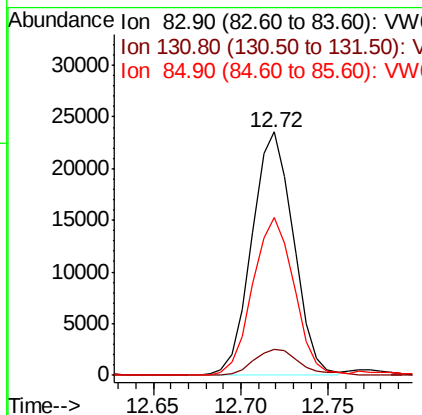
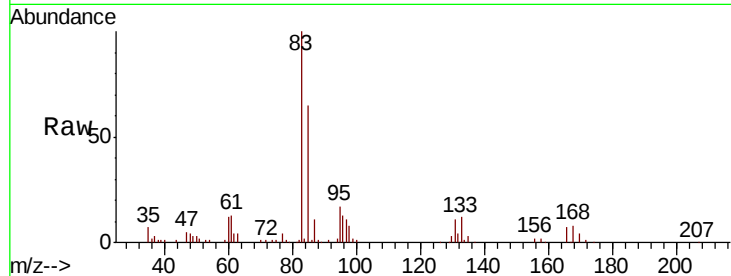
ClientSampled :

VW1106SBS02

Tot Ion:	83	Resp:	38835
Ion Ratio	Lower	Upper	
83	100		
131	11.9	5.9	17.7
85	64.6	32.3	96.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 21.066 ug/l m

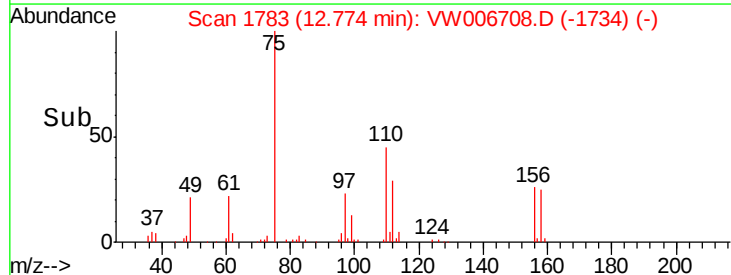
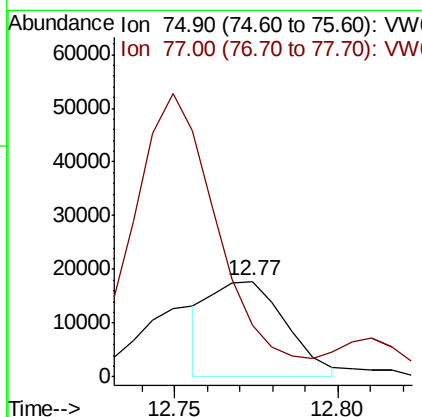
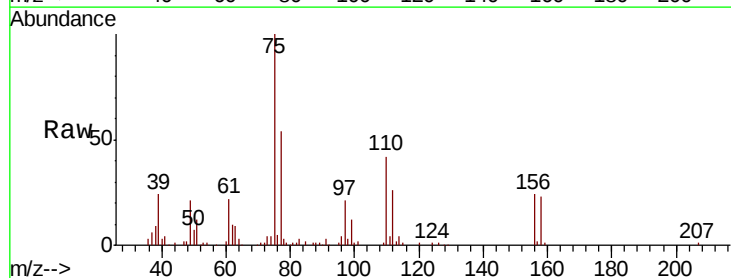
RT: 12.77 min Scan# 1783

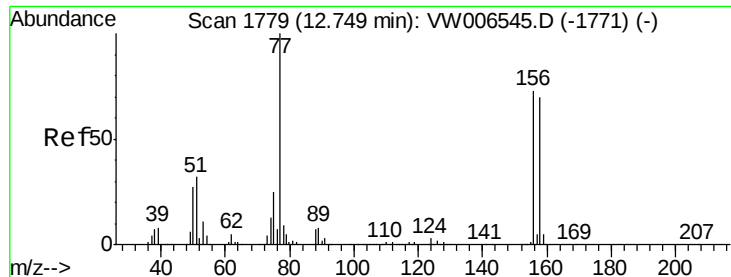
Delta R.T. 0.00 min

Lab File: VW006708.D

Acq: 07 Nov 2018 02:28

Tgt Ion:	75	Resp:	28692
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 21.469 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW006708.D

Acq: 07 Nov 2018 02:28

Instrument :

MSVOA_W

ClientSampleId :

VW1106SBS02

Tot Ion:156 Resp: 63920

Ion Ratio Lower Upper

156 100

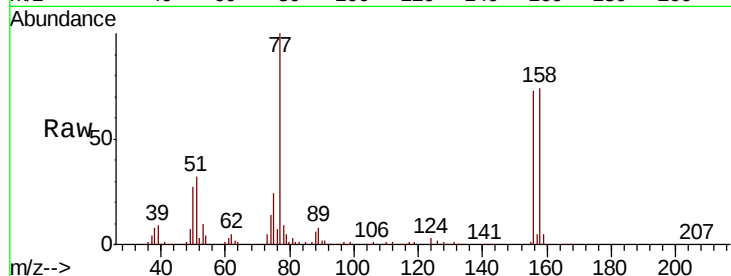
77 151.0 75.9 227.8

158 97.9 48.6 145.9

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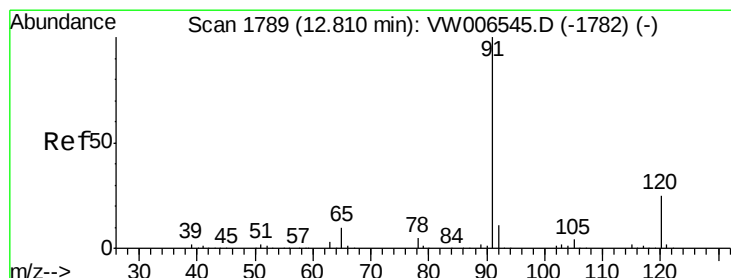
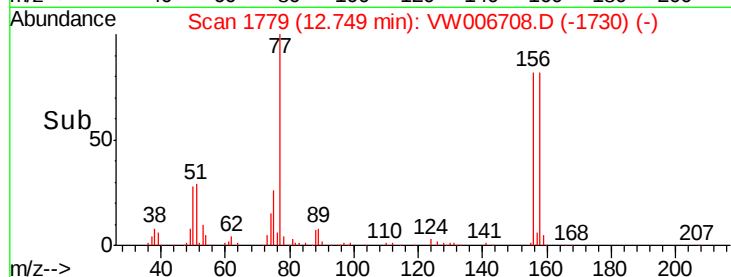
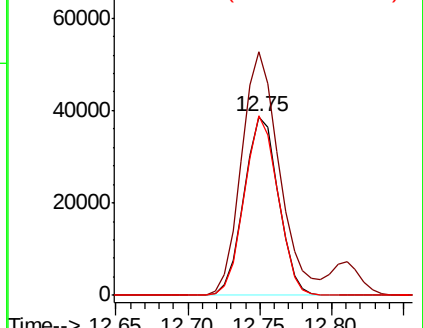
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.362 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW006708.D

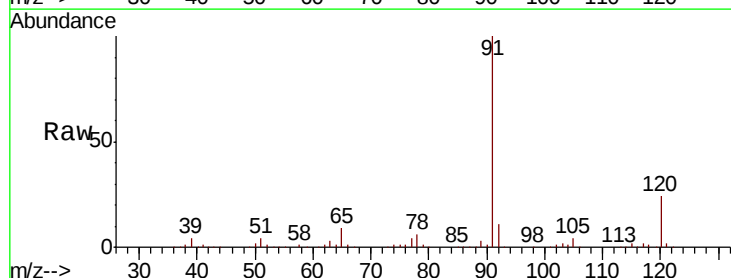
Acq: 07 Nov 2018 02:28

Tgt Ion: 91 Resp: 282559

Ion Ratio Lower Upper

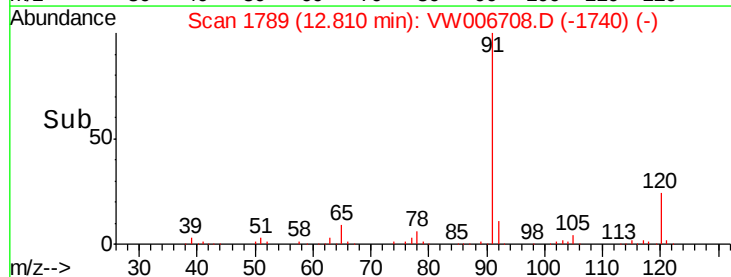
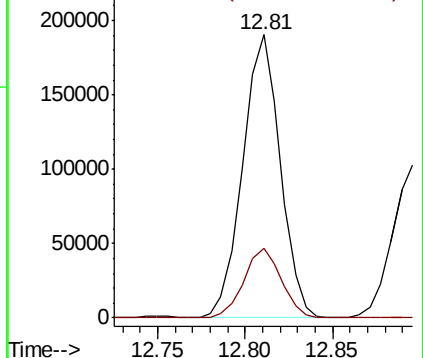
91 100

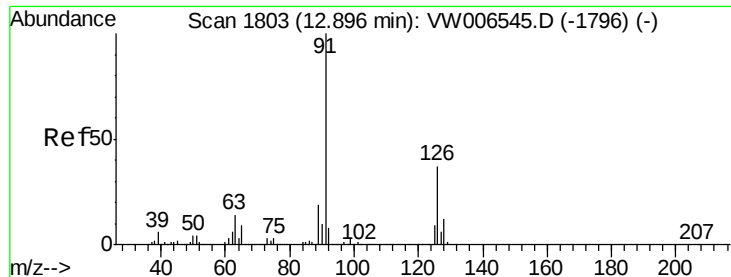
120 24.5 12.4 37.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.432 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW006708.D

Acq: 07 Nov 2018 02:28

Instrument :

MSVOA_W

ClientSampleId :

VW1106SBS02

Tot Ion: 91 Resp: 162693

Ion Ratio Lower Upper

91 100

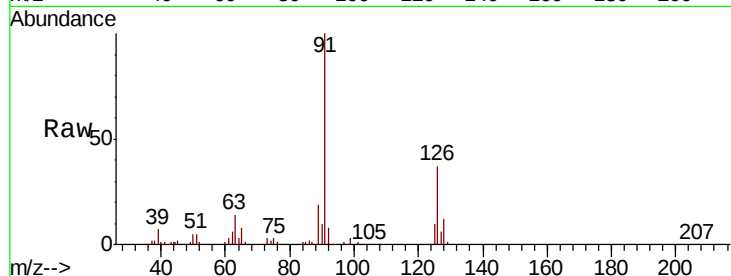
126 37.2 18.5 55.5

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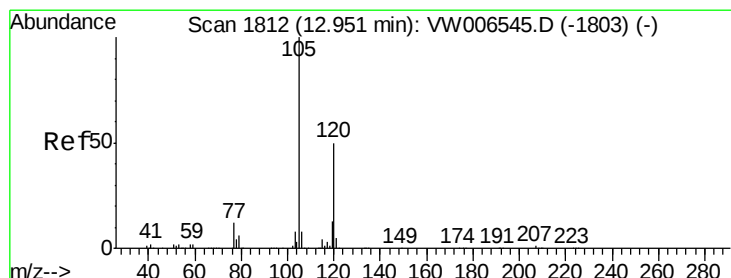
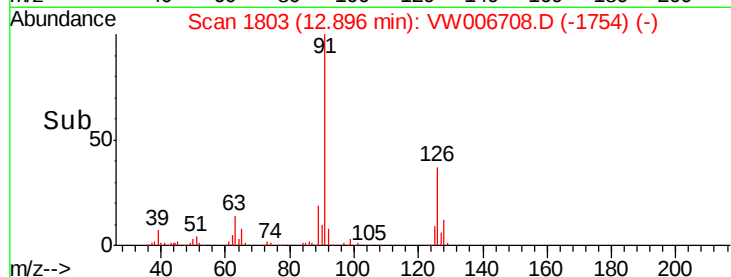
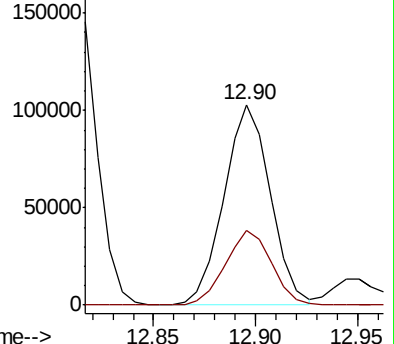
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 21.384 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW006708.D

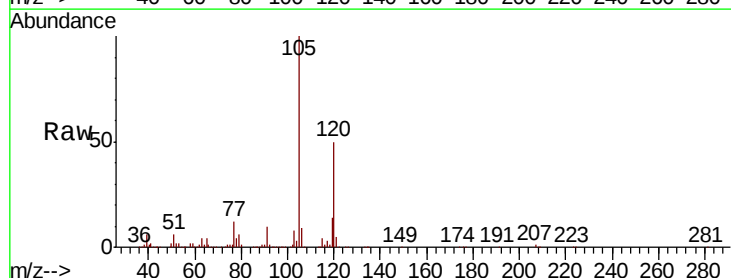
Acq: 07 Nov 2018 02:28

Tgt Ion: 105 Resp: 206595

Ion Ratio Lower Upper

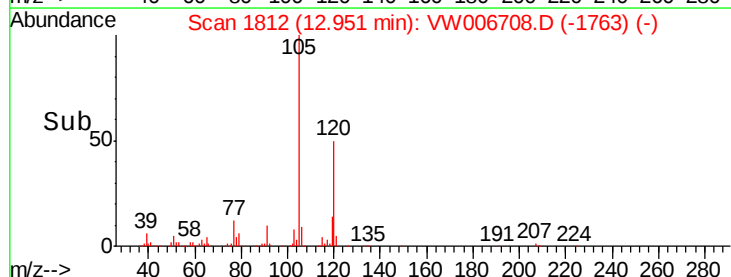
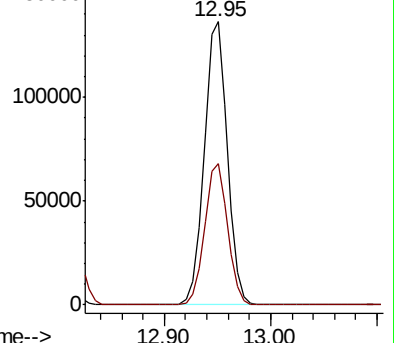
105 100

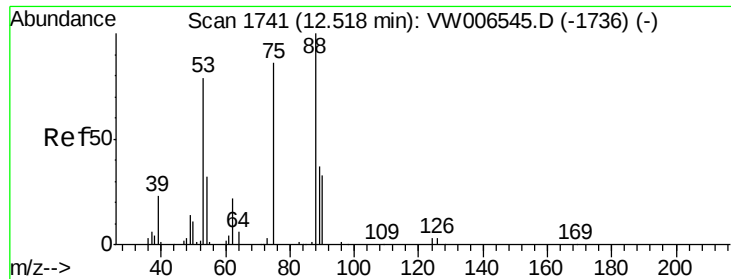
120 50.0 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 20.254 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VW006708.D

Acq: 07 Nov 2018 02:28

Instrument :

MSVOA_W

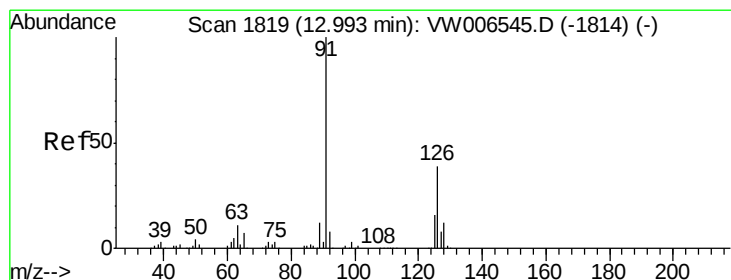
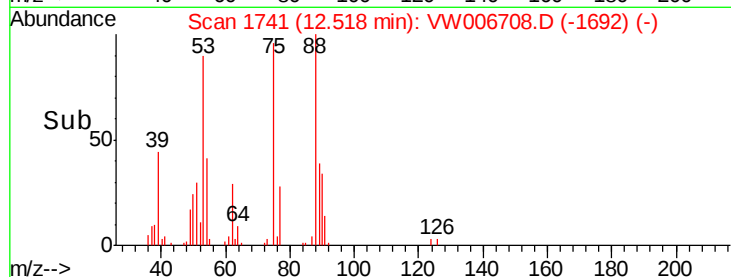
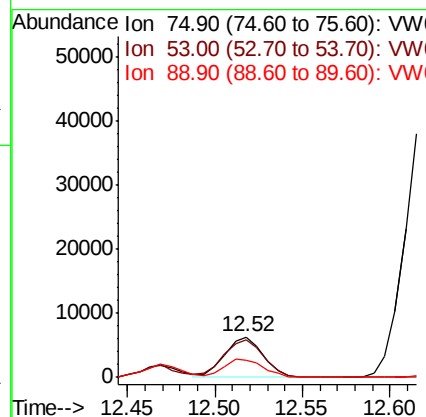
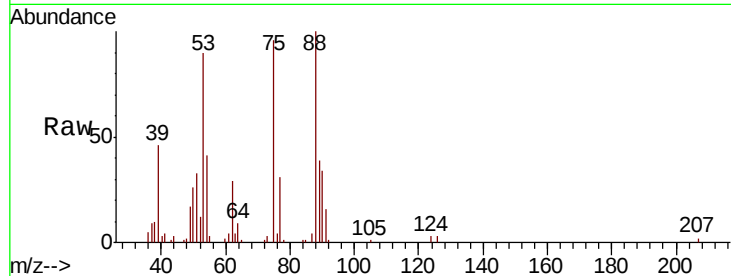
ClientSampleId :

VW1106SBS02

Tot Ion:	75	Resp:	9773
Ion	Ratio	Lower	Upper
75	100		
53	95.9	77.2	115.8
89	44.4	38.6	58.0

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#82

4-Chlorotoluene

Concen: 21.498 ug/l

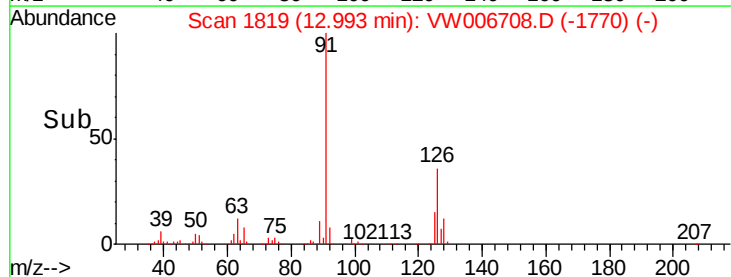
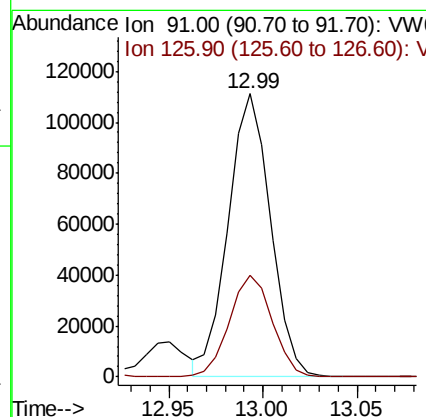
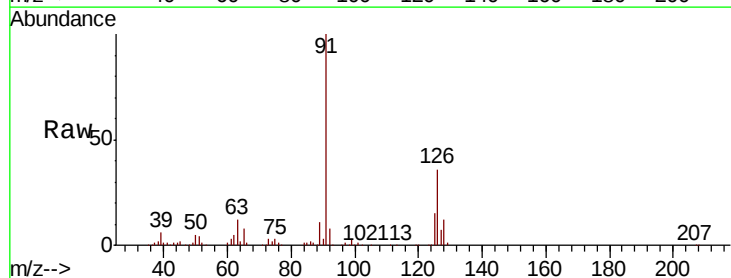
RT: 12.99 min Scan# 1819

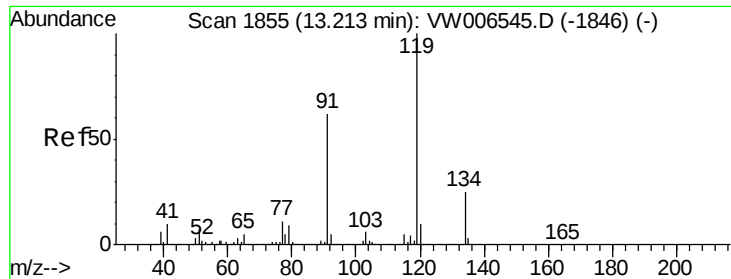
Delta R.T. 0.00 min

Lab File: VW006708.D

Acq: 07 Nov 2018 02:28

Tgt Ion:	91	Resp:	172649
Ion	Ratio	Lower	Upper
91	100		
126	36.5	18.5	55.5





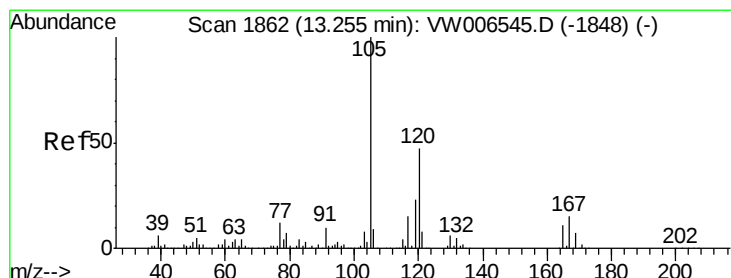
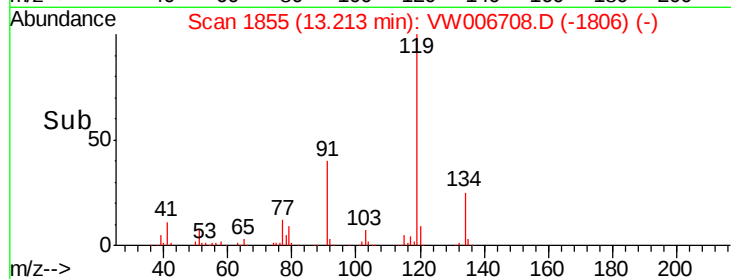
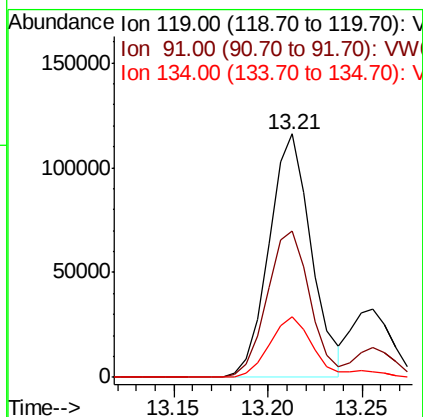
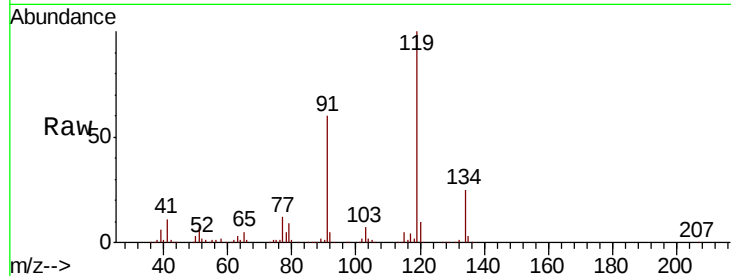
#83
tert-Butylbenzene
Concen: 21.002 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VW006708.D
Acq: 07 Nov 2018 02:28

Instrument :
MSVOA_W
ClientSampleId :
VW1106SBS02

Tot Ion	Ratio	Lower	Upper
119	100		
91	60.9	30.4	91.3
134	24.9	13.5	40.4

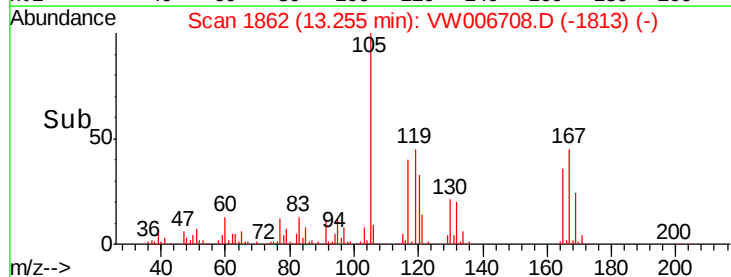
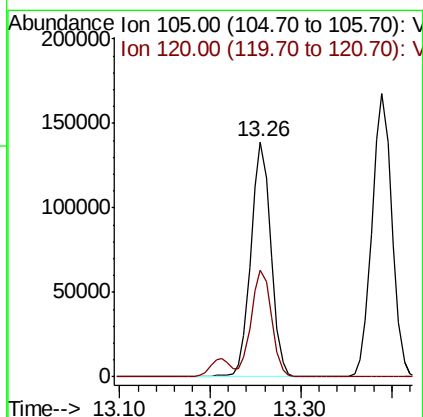
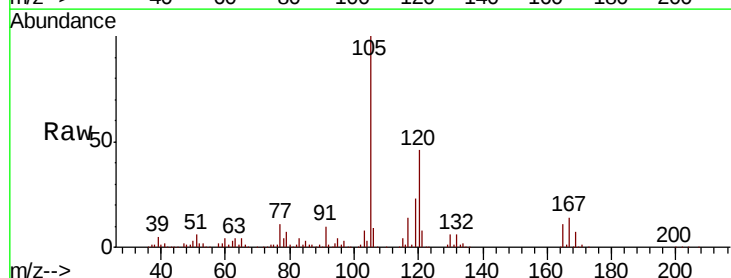
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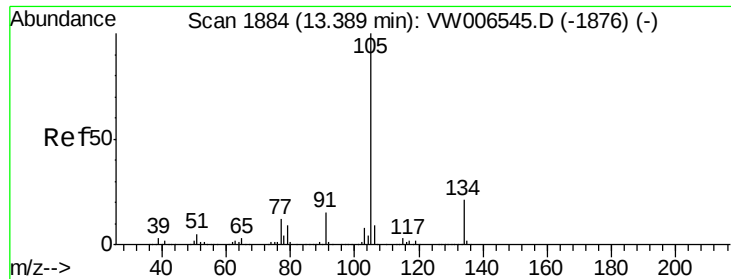
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#84
1,2,4-Trimethylbenzene
Concen: 21.470 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW006708.D
Acq: 07 Nov 2018 02:28

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.5	23.2	69.6





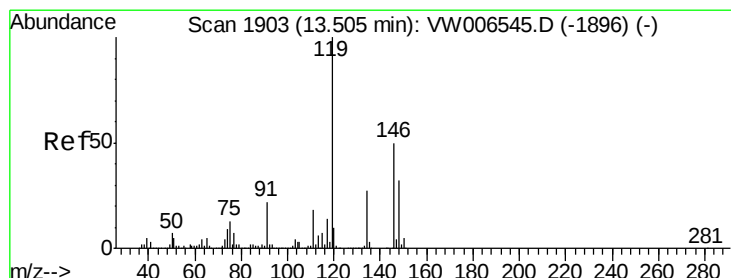
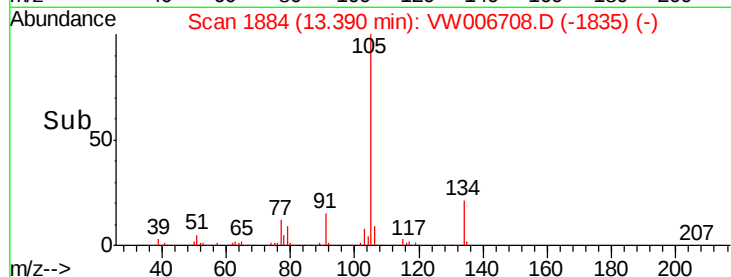
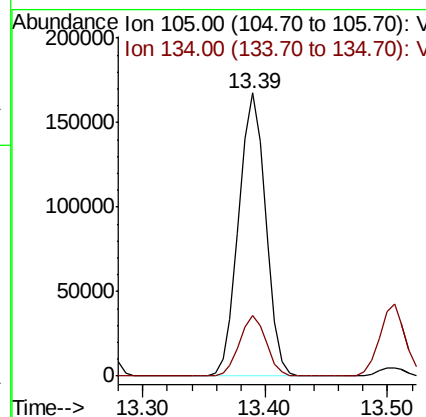
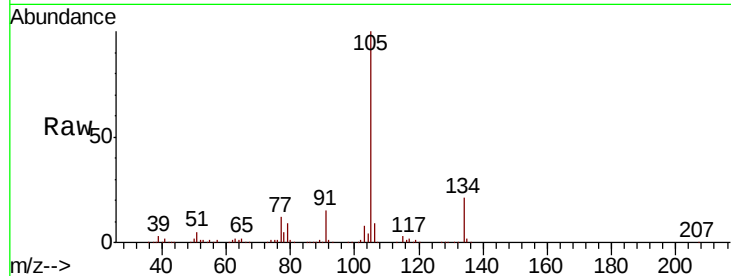
#85
 sec-Butylbenzene
 Concen: 21.187 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW006708.D
 Acq: 07 Nov 2018 02:28

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1106SBS02

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.2	10.6	31.8

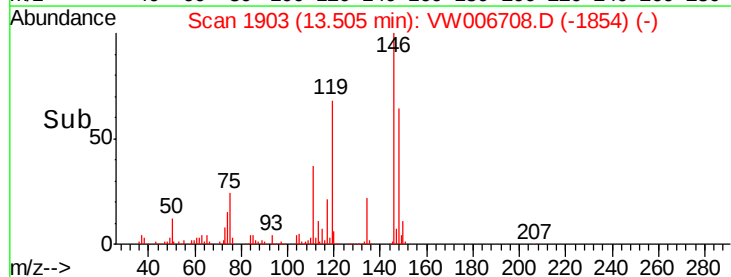
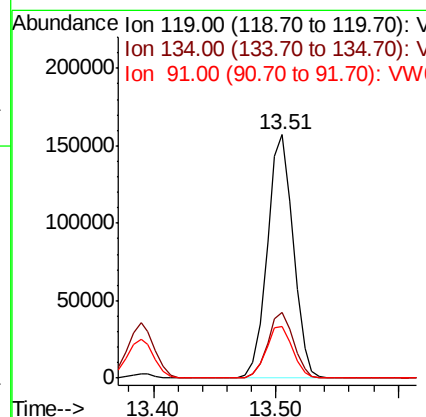
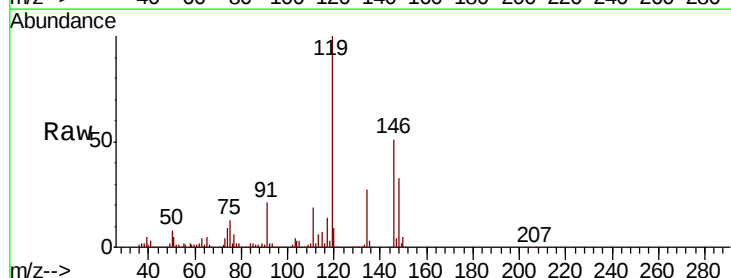
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#86
 p-Isopropyltoluene
 Concen: 21.127 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006708.D
 Acq: 07 Nov 2018 02:28

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.9	13.6	40.7
91	22.1	10.9	32.6





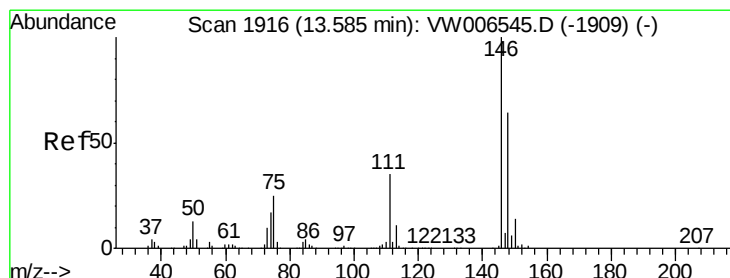
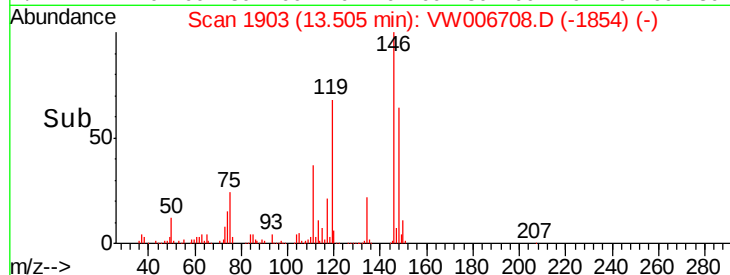
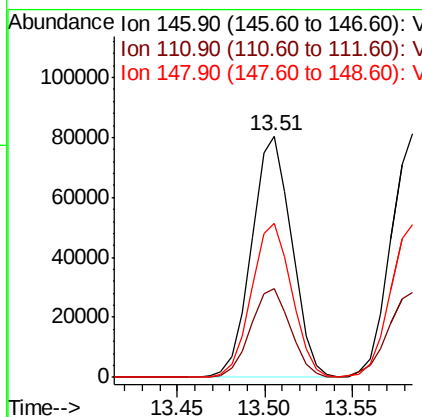
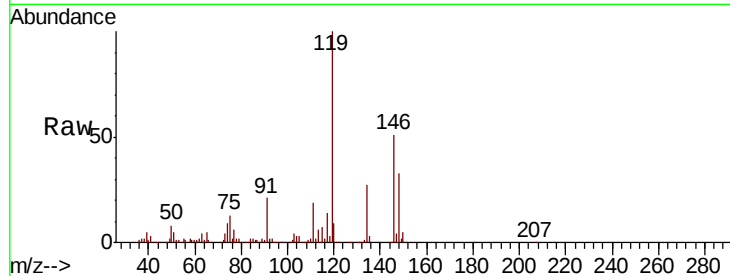
#87
 1,3-Dichlorobenzene
 Concen: 21.812 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006708.D
 Acq: 07 Nov 2018 02:28

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1106SBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.6	55.6
148	64.3	32.1	96.3

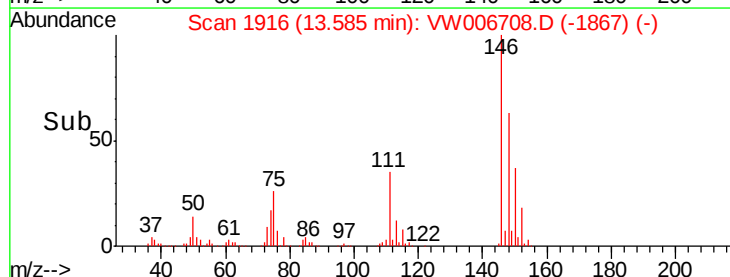
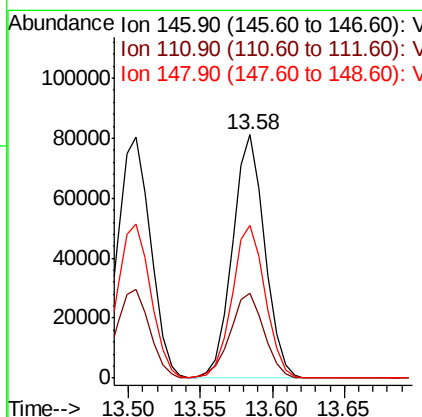
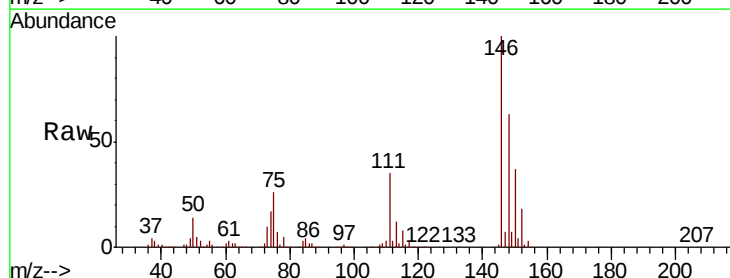
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#88
 1,4-Dichlorobenzene
 Concen: 21.783 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW006708.D
 Acq: 07 Nov 2018 02:28

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.9	17.9	53.7
148	64.3	32.1	96.5





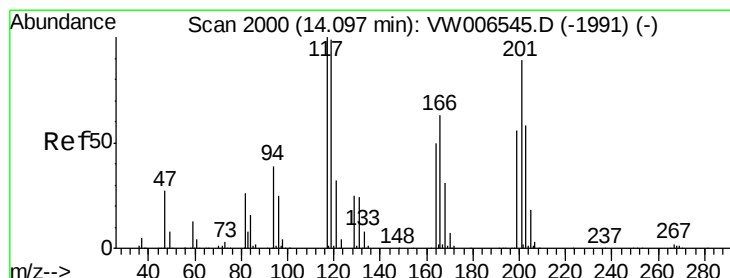
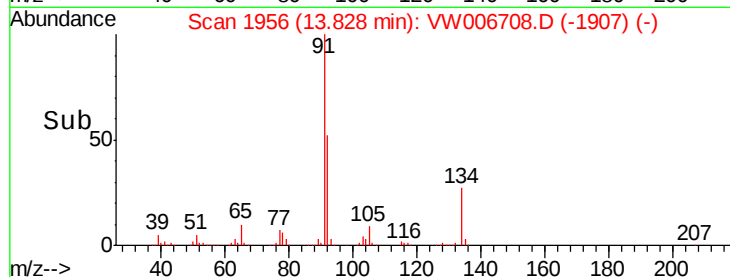
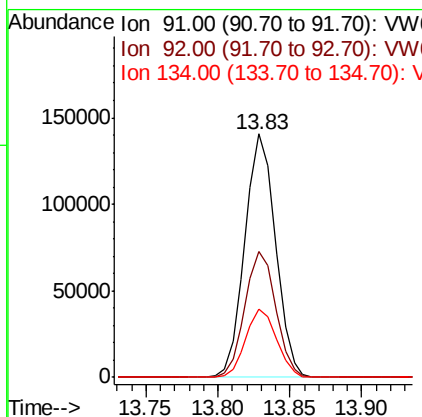
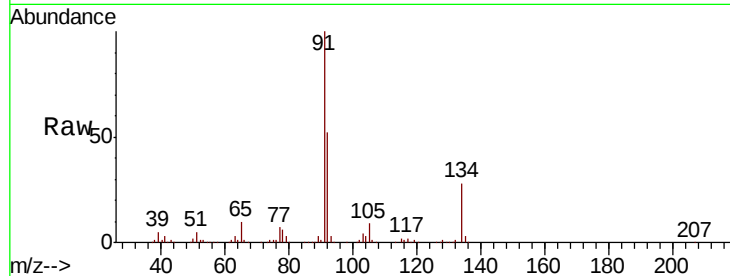
#89
n-Butylbenzene
Concen: 21.287 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW006708.D
Acq: 07 Nov 2018 02:28

Instrument :
MSVOA_W
ClientSampleId :
VW1106SBS02

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.0	26.4	79.0
134	28.1	14.3	42.9

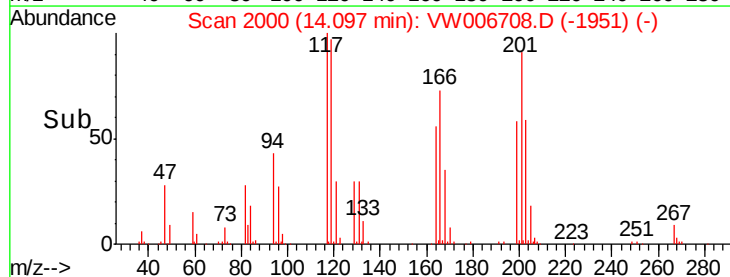
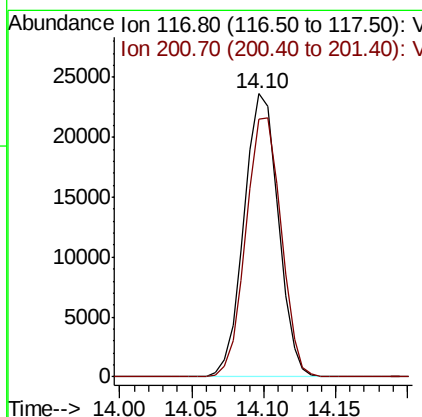
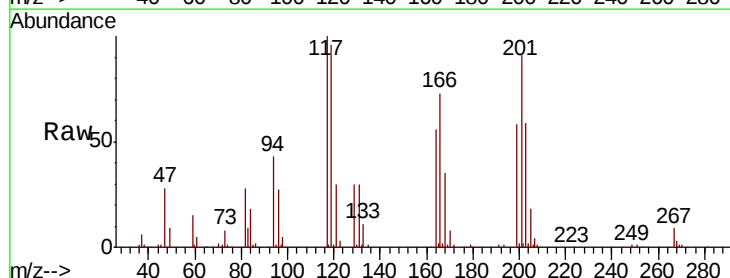
Manual Integrations
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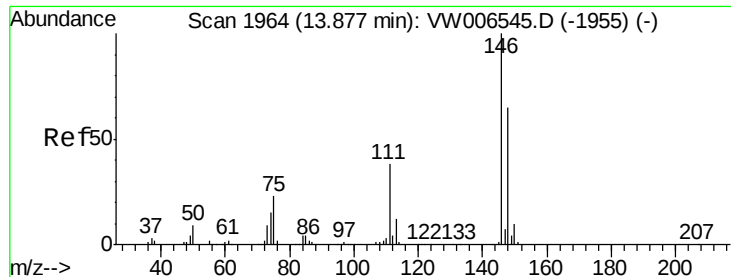
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#90
Hexachloroethane
Concen: 21.606 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW006708.D
Acq: 07 Nov 2018 02:28

Tgt Ion	Ratio	Lower	Upper
117	100		
201	93.8	46.8	140.3





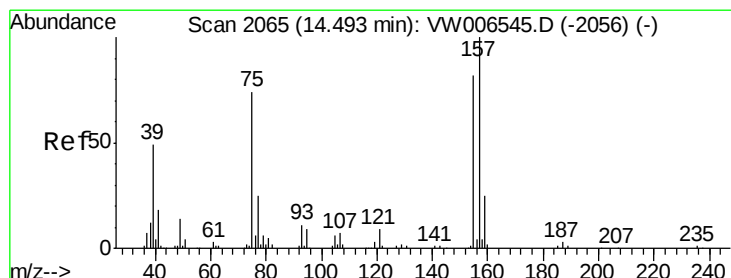
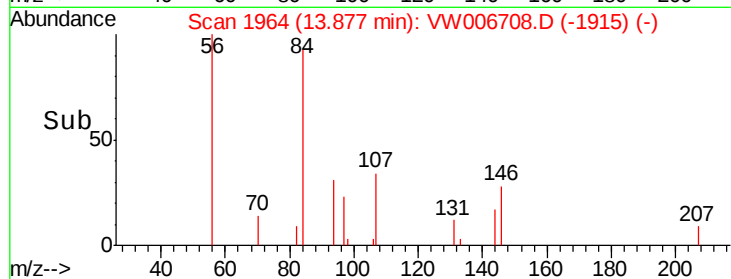
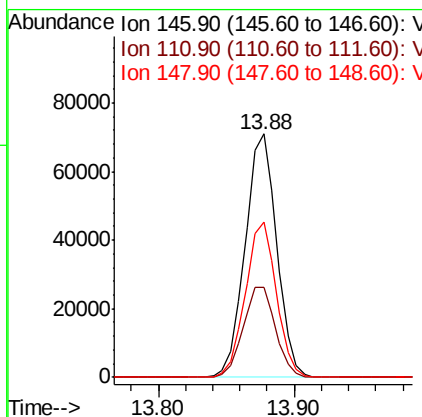
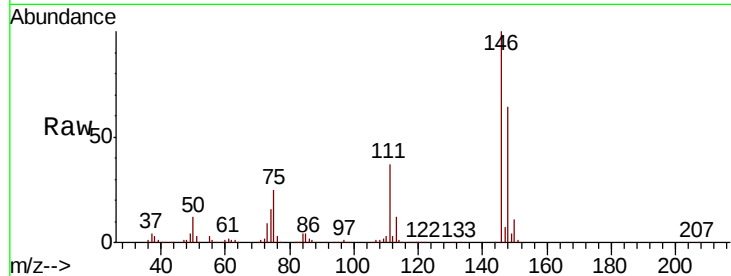
#91
 1,2-Dichlorobenzene
 Concen: 21.895 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW006708.D
 Acq: 07 Nov 2018 02:28

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1106SBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.1	57.5
148	62.7	32.0	96.0

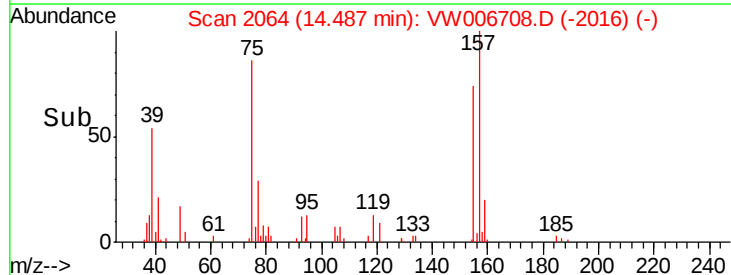
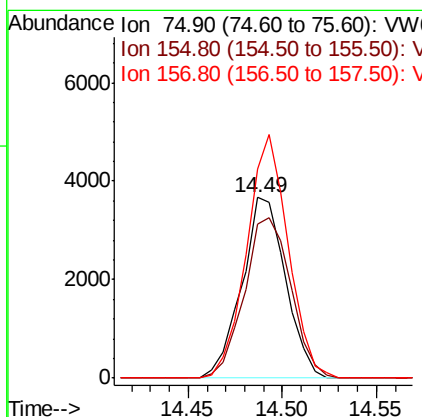
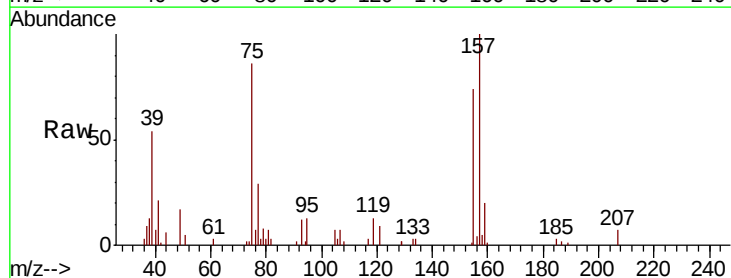
Manual Integrations
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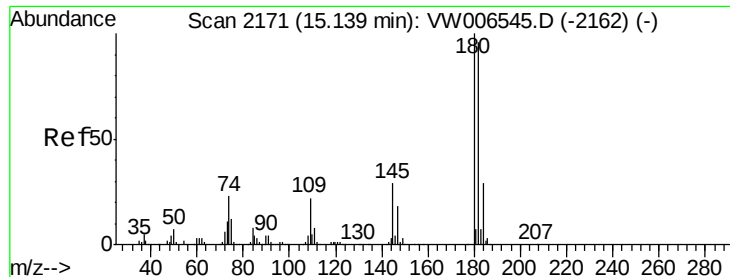
apatel
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.040 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: VW006708.D
 Acq: 07 Nov 2018 02:28

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.3	50.6	151.8
157	127.3	65.0	195.0





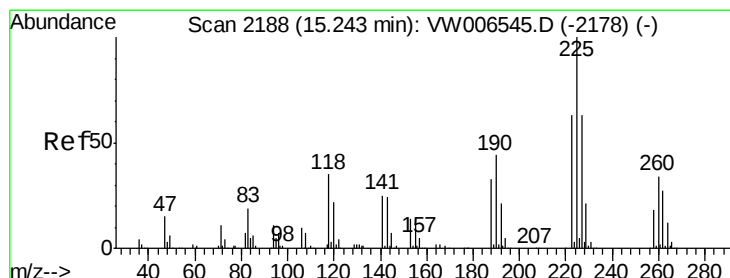
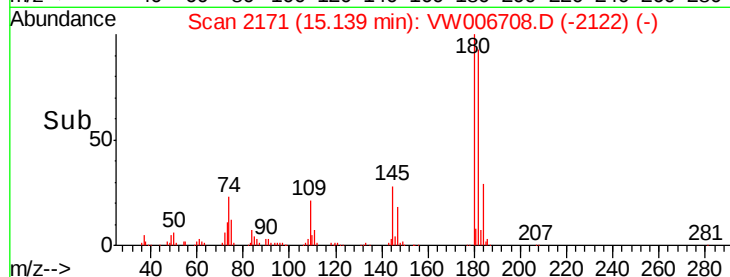
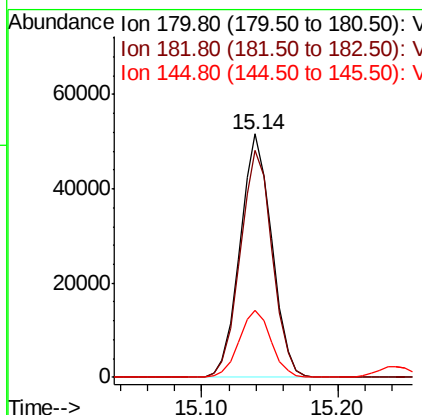
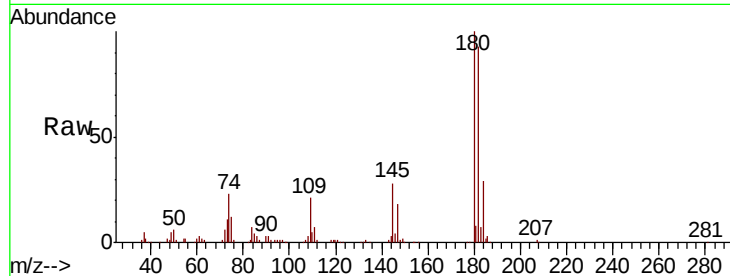
#93
 1,2,4-Trichlorobenzene
 Concen: 21.396 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW006708.D
 Acq: 07 Nov 2018 02:28

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1106SBS02

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.3	47.5	142.6
145	27.7	14.0	42.0

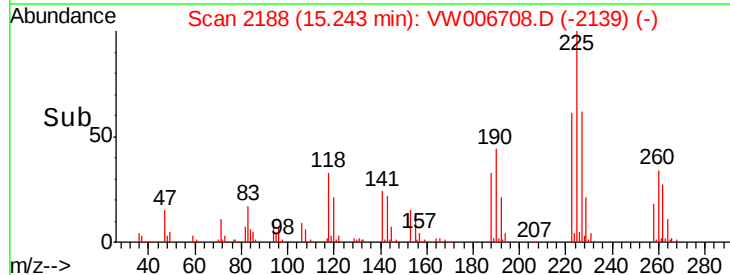
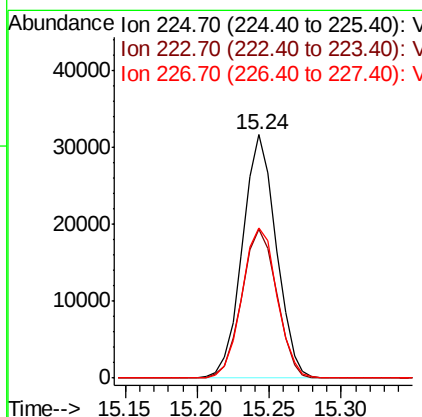
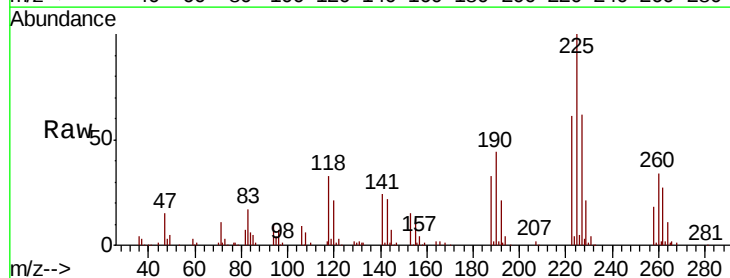
Manual Integrations
 APPROVED

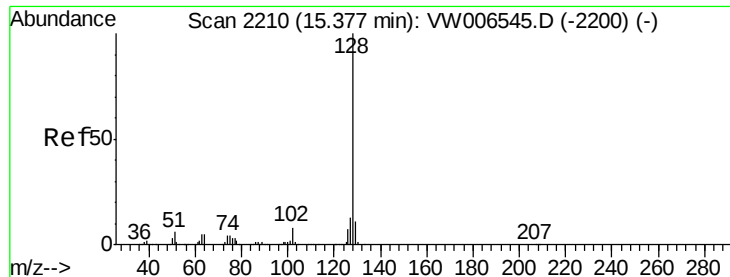
apatel
 11/7/2018 2:06:25 PM



#94
 Hexachlorobutadiene
 Concen: 21.014 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW006708.D
 Acq: 07 Nov 2018 02:28

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.5	31.4	94.2
227	64.0	32.2	96.6





#95

Naphthalene

Concen: 19.988 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. 0.00 min

Lab File: VW006708.D

Acq: 07 Nov 2018 02:28

Instrument :

MSVOA_W

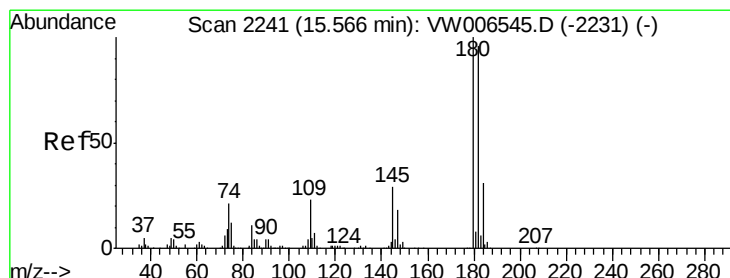
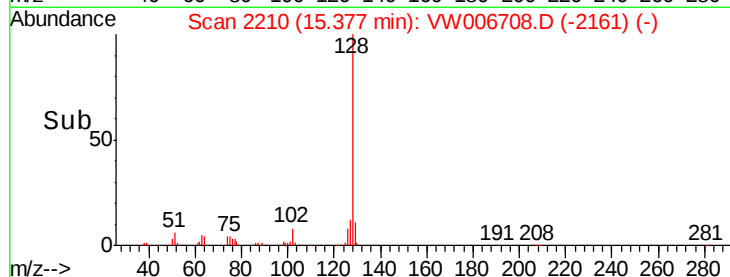
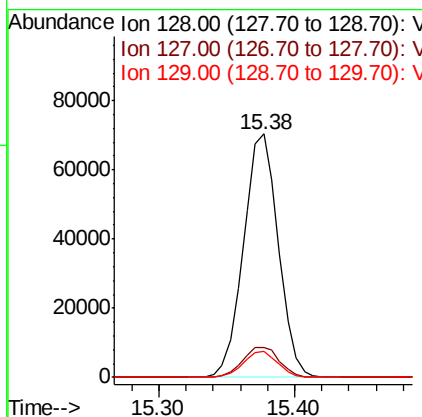
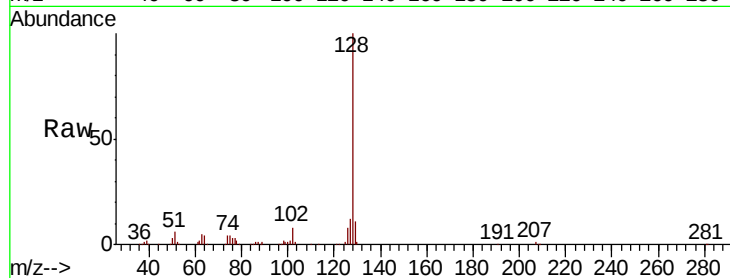
ClientSampleId :

VW1106SBS02

Tot Ion:	128	Resp:	125988
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.3	15.5
129	10.6	8.7	13.1

Manual Integrations
APPROVED

apatel
11/7/2018 2:06:25 PM



#96

1,2,3-Trichlorobenzene

Concen: 21.271 ug/l

RT: 15.57 min Scan# 2241

Delta R.T. 0.00 min

Lab File: VW006708.D

Acq: 07 Nov 2018 02:28

Tgt Ion:	180	Resp:	73317
Ion Ratio	Lower	Upper	
180	100		
182	95.2	48.2	144.6
145	29.5	14.9	44.5

