

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110618\
 Data File : VW006682.D
 Acq On : 06 Nov 2018 13:32
 Operator : SY/AP
 Sample : VW1106SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1106SBS01

Manual Integrations
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 11/7/2018 2:06:14 PM

Quant Time: Nov 06 14:59:39 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	259708	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	360501	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	331715	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	189263	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	102621	45.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.94%	
35) Dibromofluoromethane	7.88	113	112862	49.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.78%	
50) Toluene-d8	10.33	98	431645	50.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.24%	
62) 4-Bromofluorobenzene	12.62	95	152742	48.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	30400	22.580	ug/l	98
3) Chloromethane	2.21	50	34243	20.557	ug/l	96
4) Vinyl Chloride	2.37	62	51602	22.186	ug/l	97
5) Bromomethane	2.79	94	41699	21.362	ug/l	100
6) Chloroethane	2.93	64	35659	21.942	ug/l	98
7) Trichlorofluoromethane	3.26	101	47861	23.302	ug/l	99
8) Diethyl Ether	3.68	74	22055	19.643	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.06	101	47862	21.822	ug/l	100
10) Methyl Iodide	4.26	142	78472	19.732	ug/l	100
11) Tert butyl alcohol	5.24	59	10121	84.144	ug/l	100
12) 1,1-Dichloroethene	4.03	96	45018	21.251	ug/l	97
13) Acrolein	3.90	56	11931	78.866	ug/l	97
14) Allyl chloride	4.67	41	56797	20.540	ug/l	99
15) Acrylonitrile	5.38	53	37890	94.118	ug/l	99
16) Acetone	4.15	43	44104	122.367	ug/l	98
17) Carbon Disulfide	4.37	76	128614	21.335	ug/l	100
18) Methyl Acetate	4.68	43	17965	17.334	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	60218	19.097	ug/l	96
20) Methylene Chloride	4.91	84	48665	16.877	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	49265	20.552	ug/l	94
22) Diisopropyl ether	6.32	45	114765	19.908	ug/l	99
23) Vinyl Acetate	6.26	43	311667	97.493	ug/l	99
24) 1,1-Dichloroethane	6.22	63	78869	20.187	ug/l	99
25) 2-Butanone	7.19	43	53954	104.905	ug/l	97
26) 2,2-Dichloropropane	7.17	77	55019	23.378	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	53641	20.002	ug/l	98
28) Bromochloromethane	7.51	49	29525	19.031	ug/l	99
29) Tetrahydrofuran	7.54	42	28549	88.253	ug/l	97
30) Chloroform	7.68	83	86371	20.164	ug/l	98
31) Cyclohexane	7.96	56	74659	20.996	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	77254	21.314	ug/l	99
36) 1,1-Dichloropropene	8.09	75	68264	21.533	ug/l	99
37) Ethyl Acetate	7.26	43	21389	19.469	ug/l	99
38) Carbon Tetrachloride	8.07	117	73522	22.194	ug/l	98

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 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)
39) Methylcyclohexane	9.34	83	88643	22.033	ug/l	99
40) Benzene	8.33	78	194104	21.556	ug/l	100
41) Methacrylonitrile	7.49	41	12697	18.847	ug/l	99
42) 1,2-Dichloroethane	8.40	62	52259	20.236	ug/l	99
43) Isopropyl Acetate	8.43	43	42119	19.212	ug/l	99
44) Trichloroethene	9.10	130	58779	21.153	ug/l	99
45) 1,2-Dichloropropane	9.37	63	44092	21.041	ug/l	97
46) Dibromomethane	9.46	93	25036	20.324	ug/l	99
47) Bromodichloromethane	9.65	83	60158	21.032	ug/l	99
48) Methyl methacrylate	9.44	41	19723	18.673	ug/l	97
49) 1,4-Dioxane	9.48	88	6826	378.634	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	108691	96.535	ug/l	100
52) Toluene	10.39	92	127046	21.035	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	57827	21.007	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	67346	20.703	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	35169	20.122	ug/l	97
56) Ethyl methacrylate	10.65	69	37740	18.997	ug/l	98
57) 1,3-Dichloropropane	10.94	76	57030	20.094	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	93701	97.030	ug/l	100
59) 2-Hexanone	10.98	43	80309	105.017	ug/l	100
60) Dibromochloromethane	11.13	129	41552	20.065	ug/l	100
61) 1,2-Dibromoethane	11.24	107	34207	19.708	ug/l	100
64) Tetrachloroethene	10.87	164	53463	20.219	ug/l	99
65) Chlorobenzene	11.66	112	148138	21.222	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	50914	20.752	ug/l	99
67) Ethyl Benzene	11.74	91	250650	21.483	ug/l	98
68) m/p-Xylenes	11.84	106	202902	43.529	ug/l	98
69) o-Xylene	12.17	106	92622	20.872	ug/l	99
70) Styrene	12.18	104	150250	20.767	ug/l	99
71) Bromoform	12.35	173	25908	19.921	ug/l #	100
73) Isopropylbenzene	12.47	105	261355	20.963	ug/l	100
74) N-amyl acetate	12.28	43	40268	18.691	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	39071	19.841	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	24898m	16.861	ug/l	
77) Bromobenzene	12.75	156	66627	20.640	ug/l	99
78) n-propylbenzene	12.81	91	311918	21.751	ug/l	99
79) 2-Chlorotoluene	12.90	91	173730	21.109	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	222245	21.218	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	10501	20.097	ug/l	96
82) 4-Chlorotoluene	12.99	91	183334	21.056	ug/l	99
83) tert-Butylbenzene	13.21	119	196150	20.999	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	225977	21.033	ug/l	99
85) sec-Butylbenzene	13.39	105	284384	21.738	ug/l	100
86) p-Isopropyltoluene	13.51	119	257171	21.604	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	134272	21.121	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	132868	21.085	ug/l	99
89) n-Butylbenzene	13.83	91	233899	22.135	ug/l	99
90) Hexachloroethane	14.10	117	41570	21.248	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	117387	20.528	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	5664	17.726	ug/l	97

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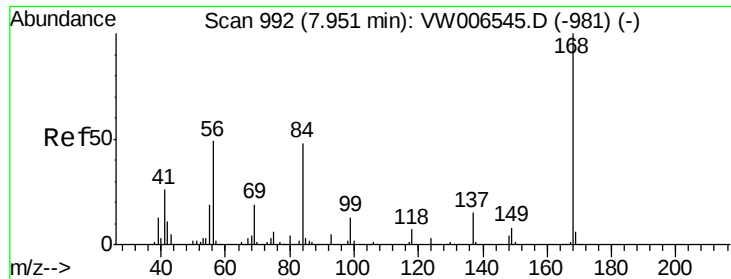
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	88697	20.860	ug/l	99
94) Hexachlorobutadiene	15.24	225	57755	21.793	ug/l	99
95) Naphthalene	15.38	128	130785	19.137	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	75634	20.239	ug/l	100

(#) = 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: VW006682.D

Acq: 06 Nov 2018 13:32

Instrument :

MSVOA_W

ClientSampleId :

VW1106SBS01

Tot Ion:168 Resp: 259708

Ion Ratio Lower Upper

168 100

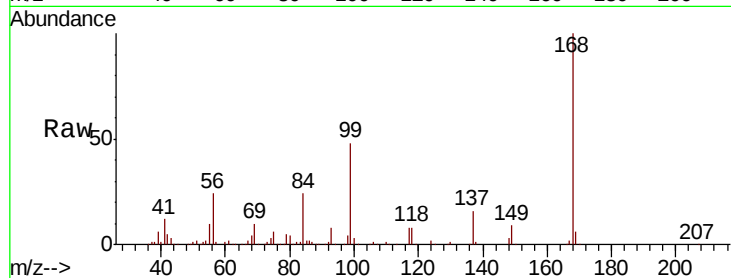
99 47.5 37.4 56.0

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Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

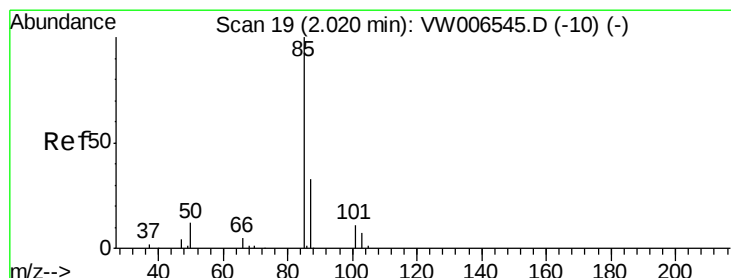
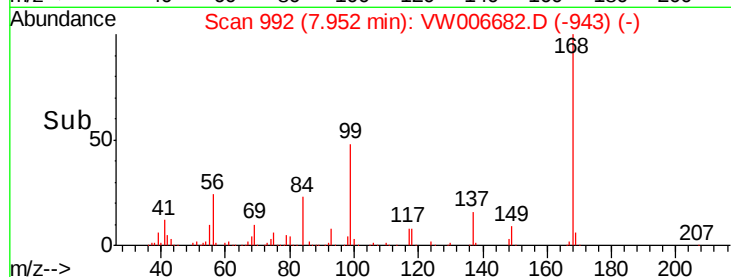
7.95

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 22.580 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.01 min

Lab File: VW006682.D

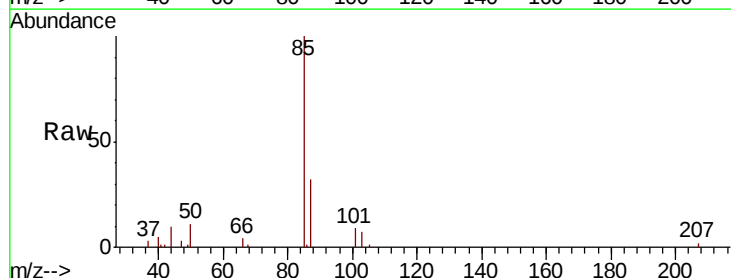
Acq: 06 Nov 2018 13:32

Tgt Ion: 85 Resp: 30400

Ion Ratio Lower Upper

85 100

87 32.1 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

10000

8000

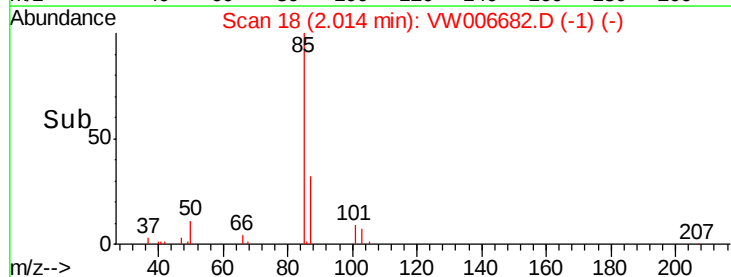
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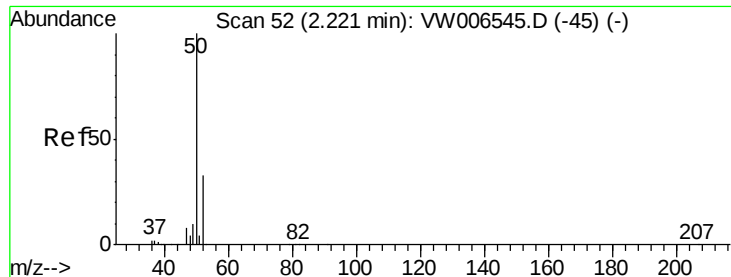
4000

2000

0

Time-->





#3

Chloromethane

Concen: 20.557 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW006682.D

Acq: 06 Nov 2018 13:32

Instrument :

MSVOA_W

ClientSampleId :

VW1106SBS01

Tot Ion: 50 Resp: 34243

Ion Ratio Lower Upper

50 100

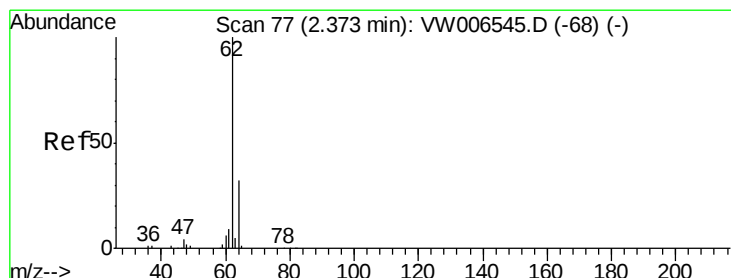
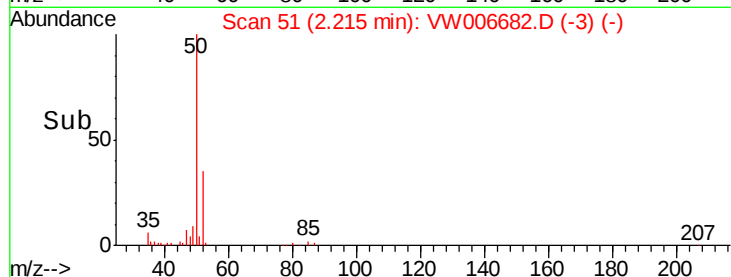
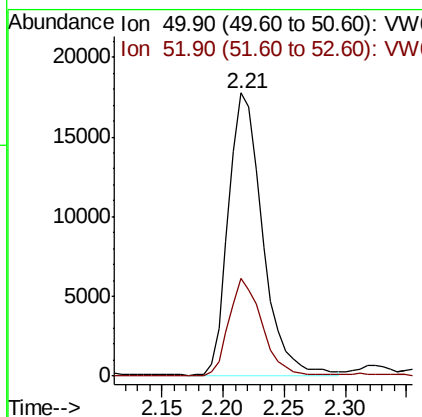
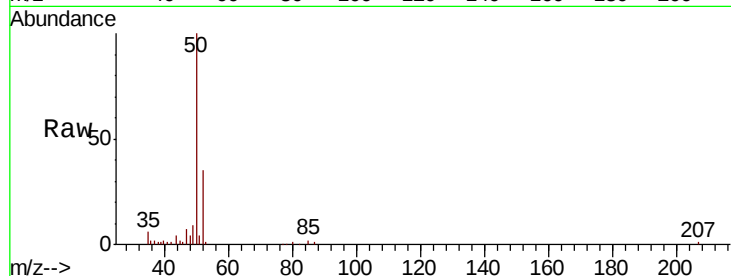
52 34.9 26.2 39.4

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#4

Vinyl Chloride

Concen: 22.186 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.01 min

Lab File: VW006682.D

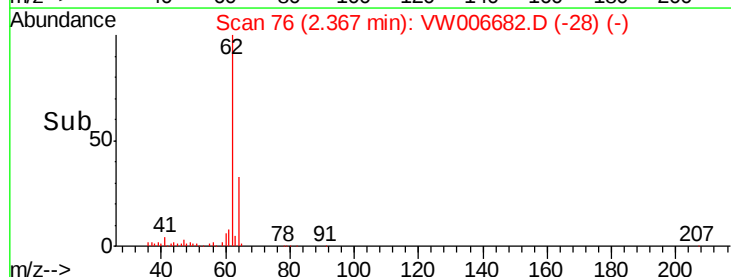
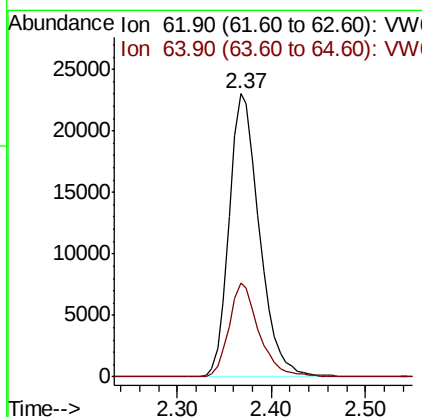
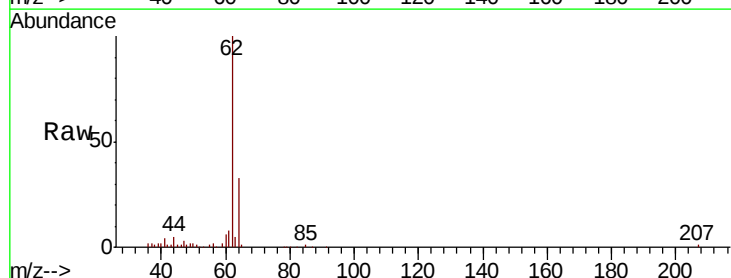
Acq: 06 Nov 2018 13:32

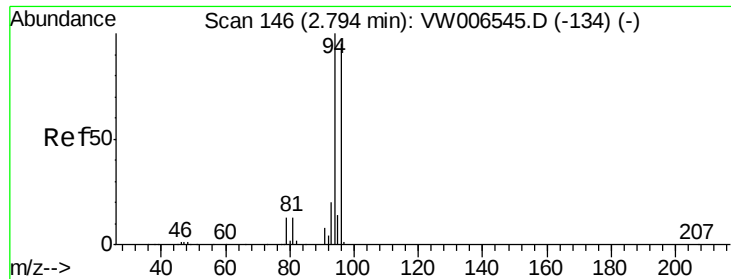
Tgt Ion: 62 Resp: 51602

Ion Ratio Lower Upper

62 100

64 33.4 25.4 38.0





#5

Bromomethane

Concen: 21.362 ug/l

RT: 2.79 min Scan# 145

Delta R.T. -0.01 min

Lab File: VW006682.D

Acq: 06 Nov 2018 13:32

Instrument :

MSVOA_W

ClientSampleId :

VW1106SBS01

Tot Ion: 94 Resp: 41699

Ion Ratio Lower Upper

94 100

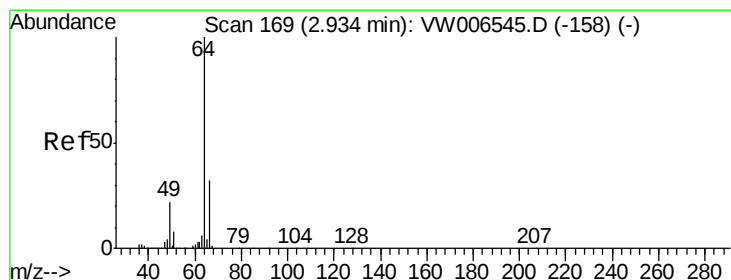
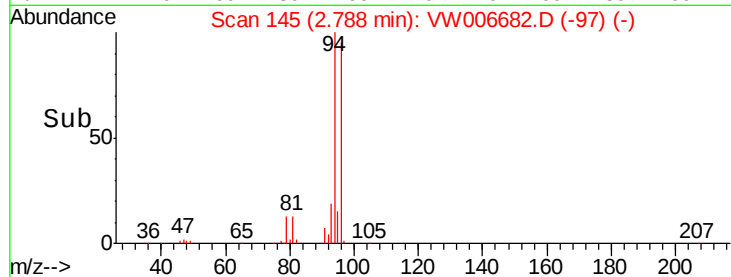
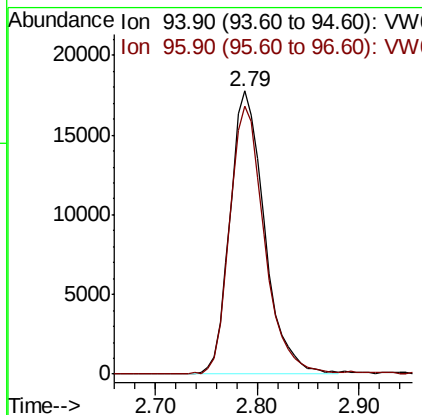
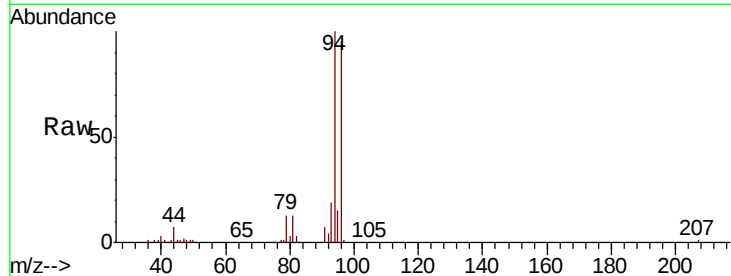
96 94.8 75.7 113.5

Manual Integrations

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#6

Chloroethane

Concen: 21.942 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW006682.D

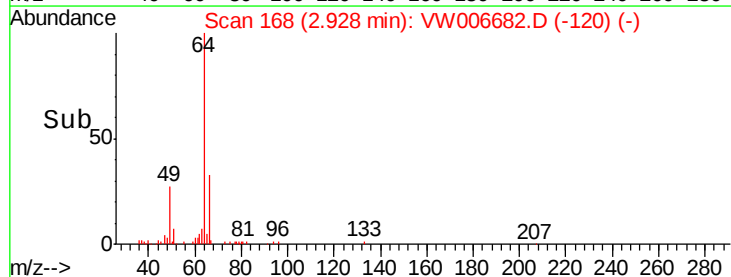
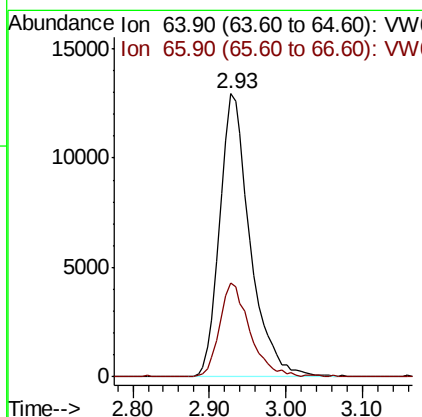
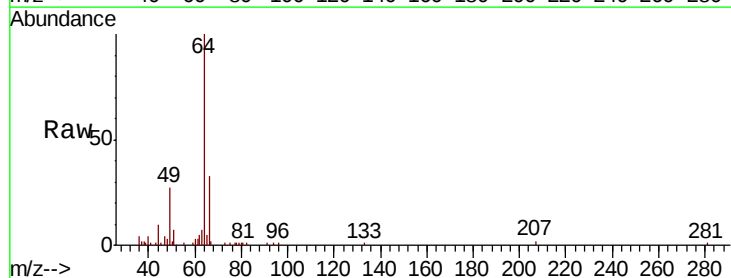
Acq: 06 Nov 2018 13:32

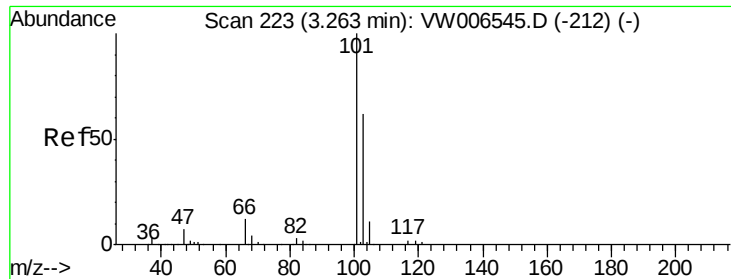
Tgt Ion: 64 Resp: 35659

Ion Ratio Lower Upper

64 100

66 33.4 25.9 38.9





#7

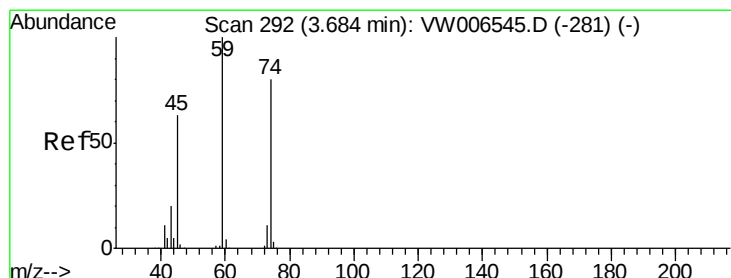
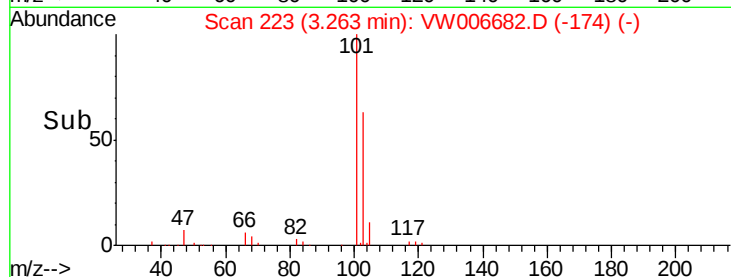
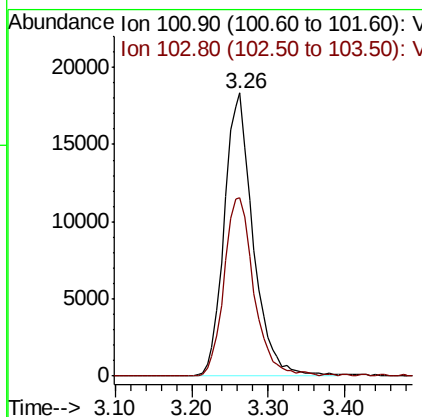
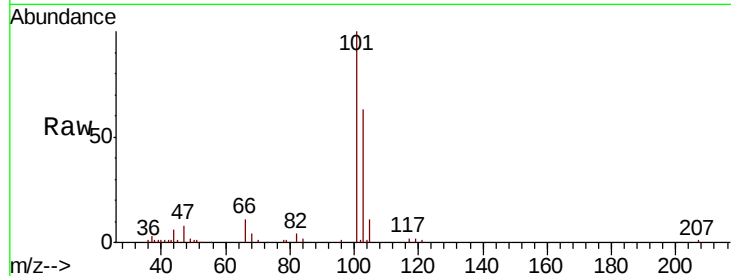
Trichlorofluoromethane
 Concen: 23.302 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. 0.00 min
 Lab File: VW006682.D
 Acq: 06 Nov 2018 13:32

Instrument :
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 ClientSampleId :
 VW1106SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.8	49.8	74.8

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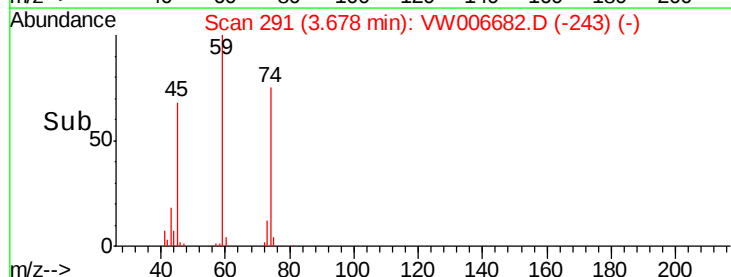
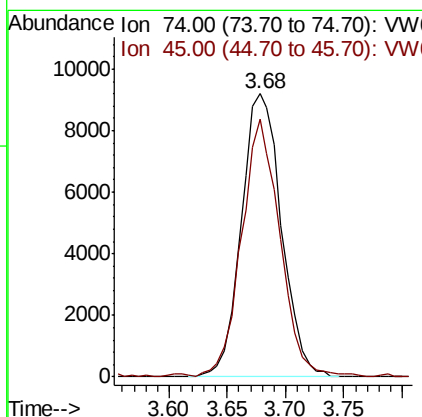
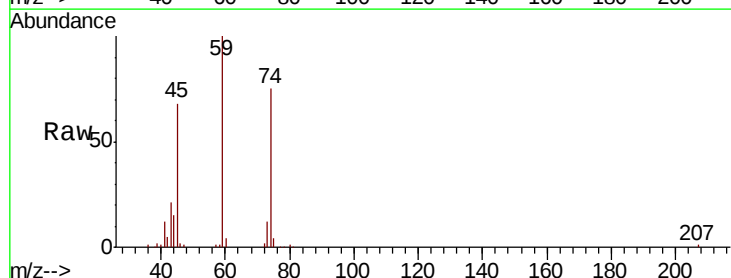
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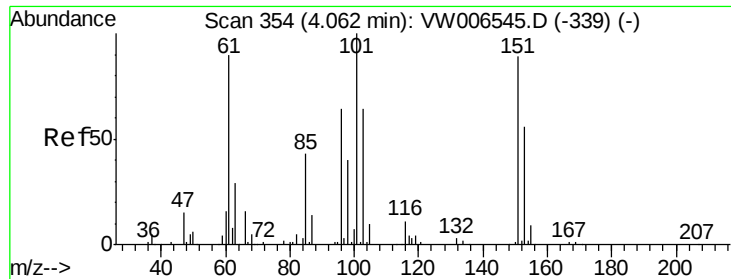


#8

Diethyl Ether
 Concen: 19.643 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW006682.D
 Acq: 06 Nov 2018 13:32

Tgt Ion	Ratio	Lower	Upper
74	100		
45	87.5	41.1	123.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.822 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW006682.D

Acq: 06 Nov 2018 13:32

Instrument :

MSVOA_W

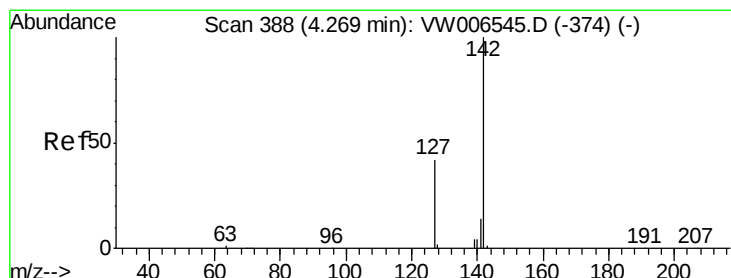
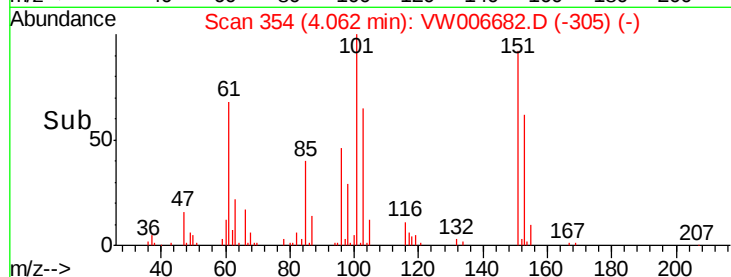
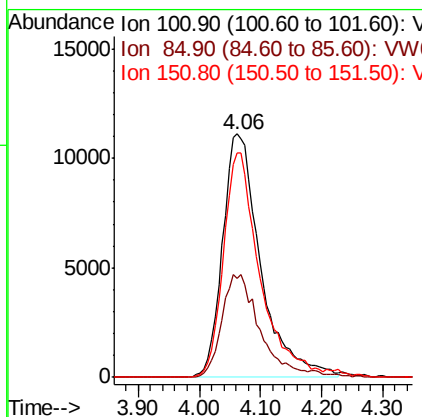
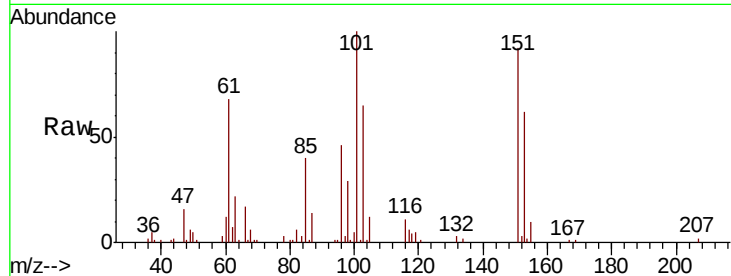
ClientSampleId :

VW1106SBS01

Tot Ion:	101	Resp:	47862
Ion	Ratio	Lower	Upper
101	100		
85	42.9	34.2	51.2
151	88.0	70.7	106.1

Manual Integrations
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#10

Methyl Iodide

Concen: 19.732 ug/l

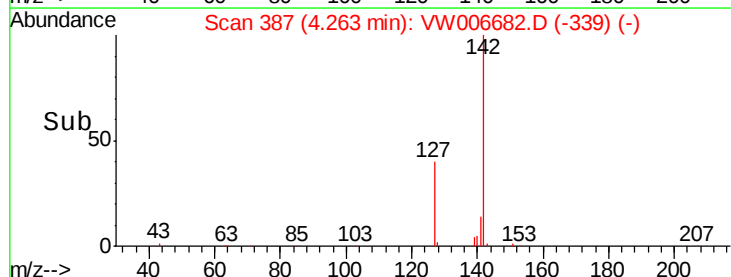
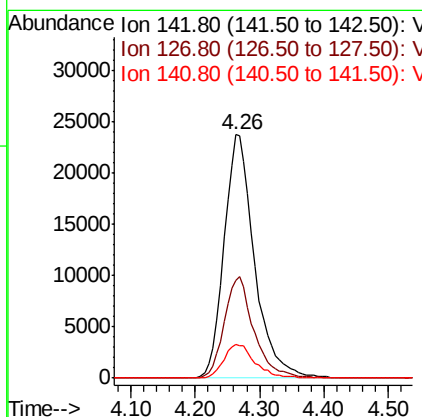
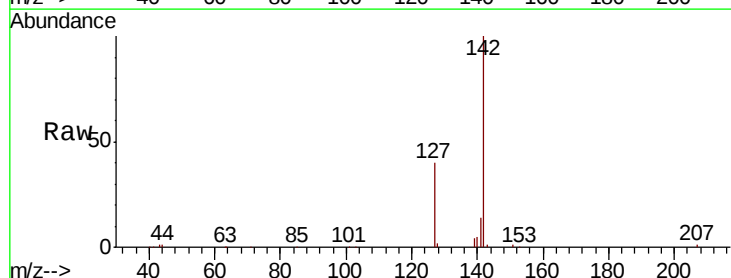
RT: 4.26 min Scan# 387

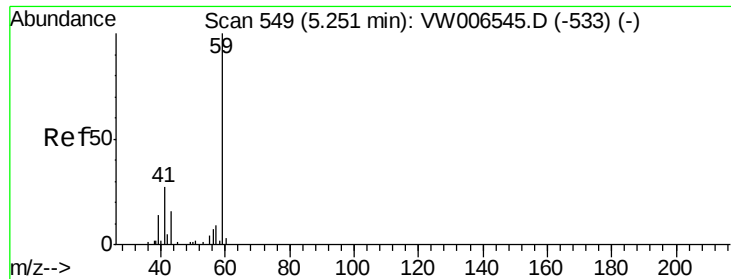
Delta R.T. -0.01 min

Lab File: VW006682.D

Acq: 06 Nov 2018 13:32

Tgt Ion:	142	Resp:	78472
Ion	Ratio	Lower	Upper
142	100		
127	40.7	32.3	48.5
141	14.2	11.3	16.9





#11

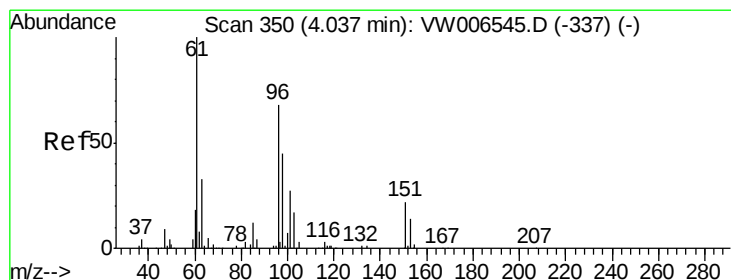
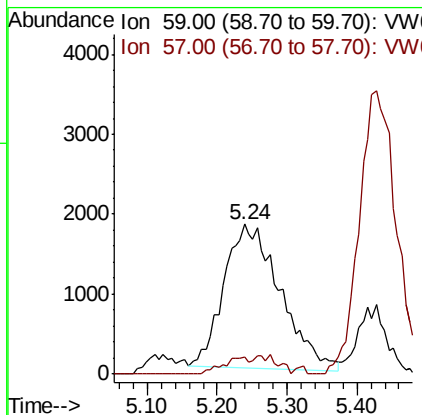
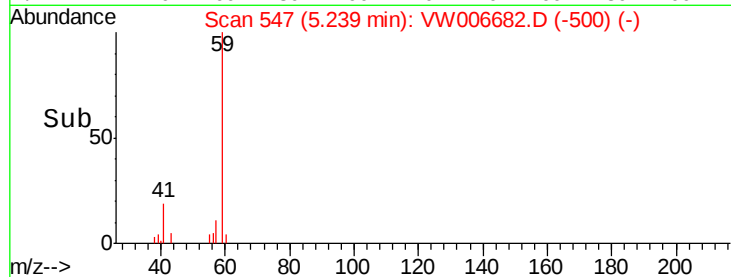
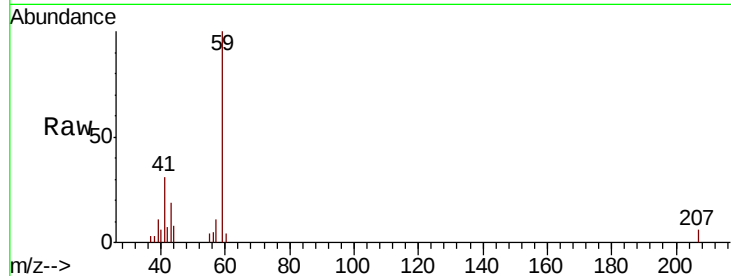
Tert butyl alcohol
Concen: 84.144 ug/l
RT: 5.24 min Scan# 547
Delta R.T. -0.01 min
Lab File: VW006682.D
Acq: 06 Nov 2018 13:32

Instrument :
MSVOA_W
ClientSampleId :
VW1106SBS01

Tot Ion	59	57	Ratio	100	5.4	Resp	Lower	Upper
10121								
							4.3	6.5

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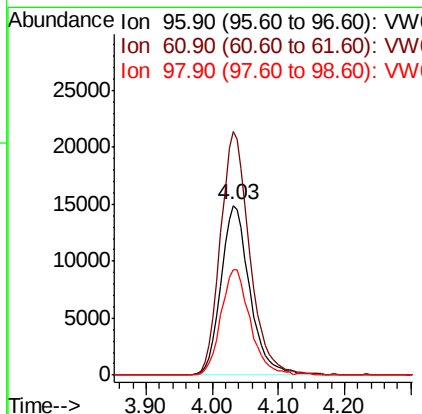
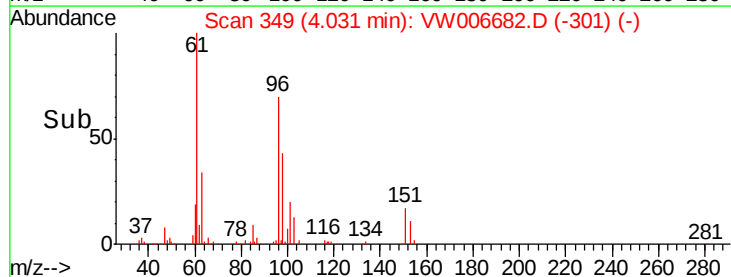
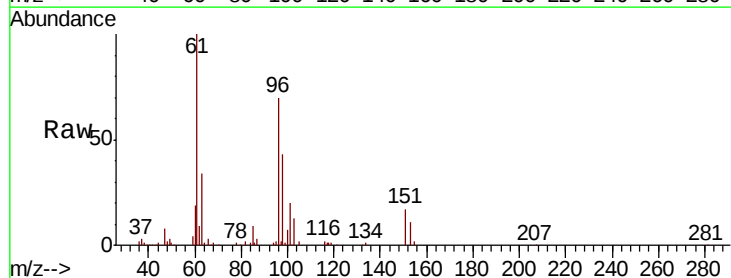
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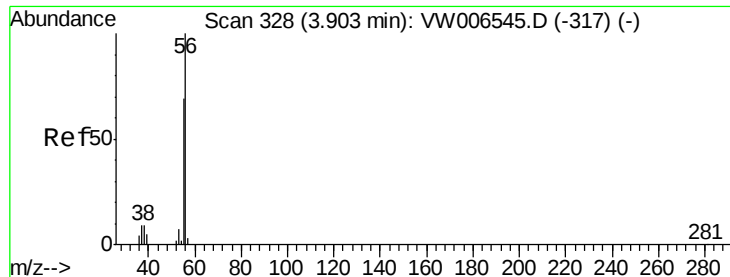


#12

1,1-Dichloroethene
Concen: 21.251 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW006682.D
Acq: 06 Nov 2018 13:32

Tgt Ion	96	61	98	Ratio	100	143.4	61.8	Resp	Lower	Upper
45018										
									117.0	175.4
									52.5	78.7





#13

Acrolein

Concen: 78.866 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.01 min

Lab File: VW006682.D

Acq: 06 Nov 2018 13:32

Instrument :

MSVOA_W

ClientSampleId :

VW1106SBS01

Tot Ion: 56 Resp: 11931

Ion Ratio Lower Upper

56 100

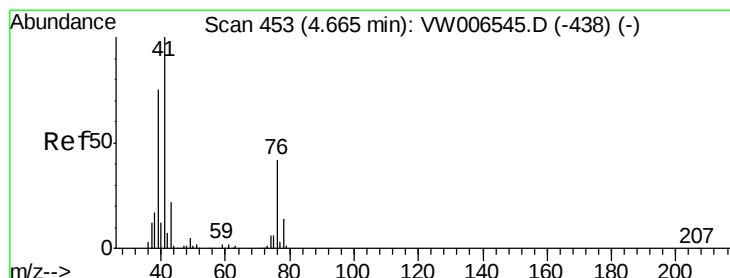
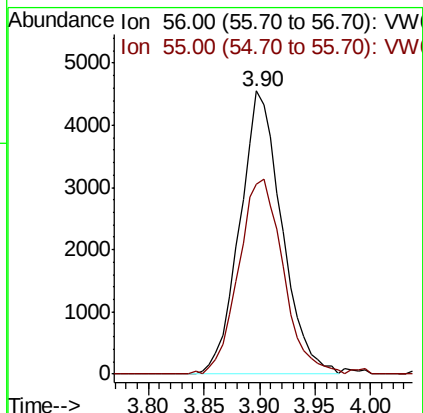
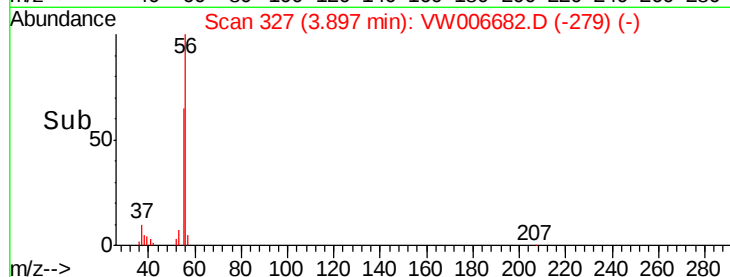
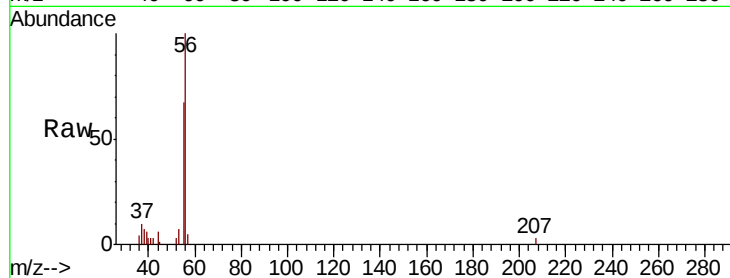
55 73.3 56.9 85.3

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#14

Allyl chloride

Concen: 20.540 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW006682.D

Acq: 06 Nov 2018 13:32

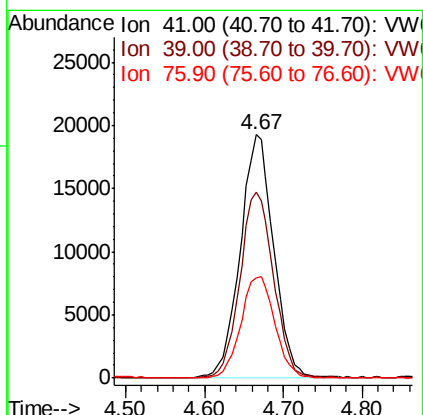
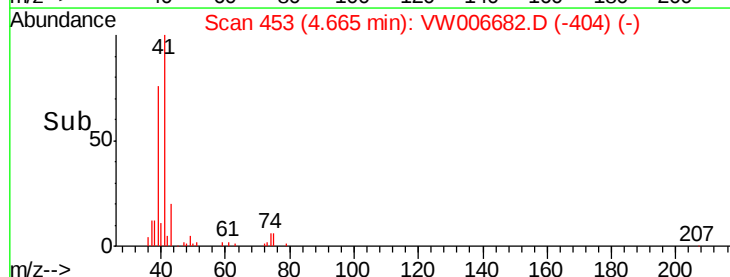
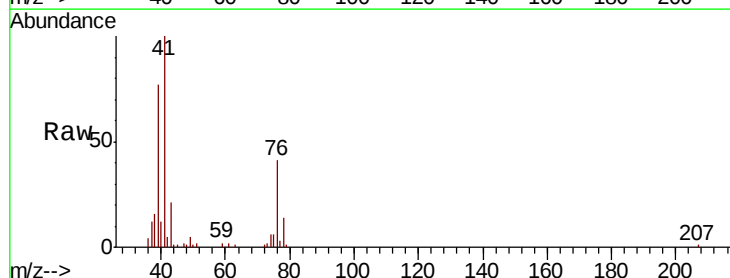
Tgt Ion: 41 Resp: 56797

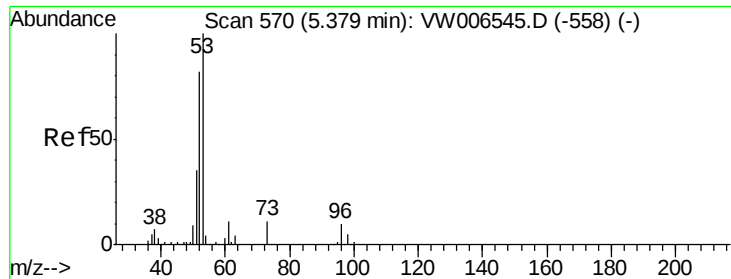
Ion Ratio Lower Upper

41 100

39 76.9 62.1 93.1

76 42.3 34.2 51.2





#15

Acrylonitrile

Concen: 94.118 ug/l

RT: 5.38 min Scan# 571

Delta R.T. 0.01 min

Lab File: VW006682.D

Acq: 06 Nov 2018 13:32

Instrument :

MSVOA_W

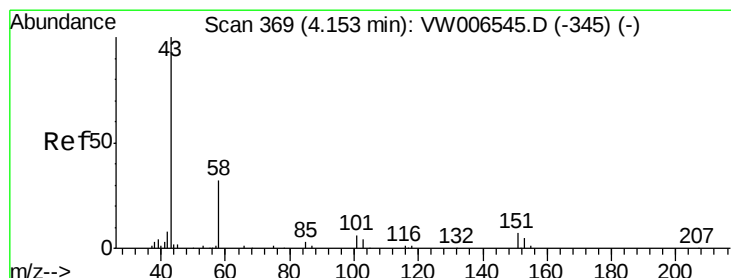
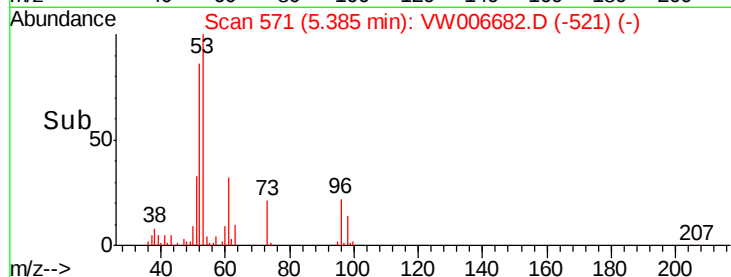
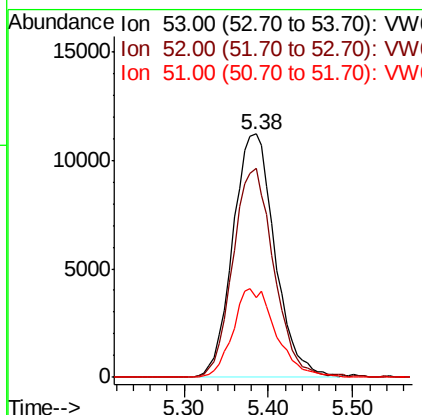
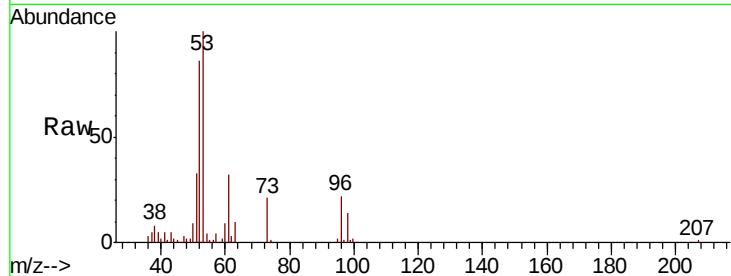
ClientSampleId :

VW1106SBS01

Tot Ion:	53	Resp:	37890
Ion	Ratio	Lower	Upper
53	100		
52	83.9	65.8	98.8
51	37.4	29.6	44.4

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#16

Acetone

Concen: 122.367 ug/l

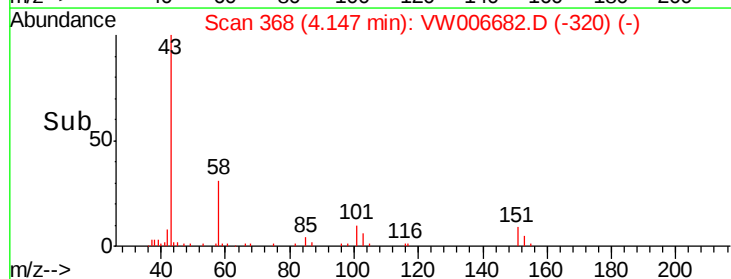
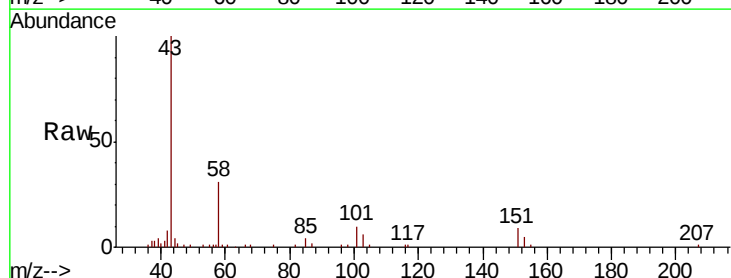
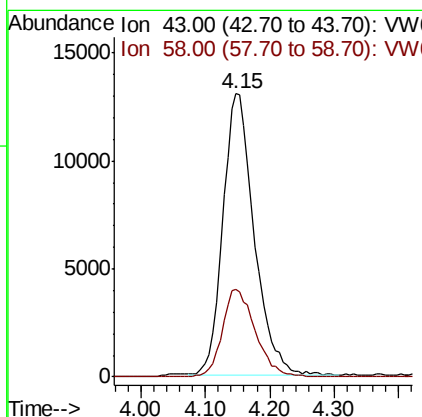
RT: 4.15 min Scan# 368

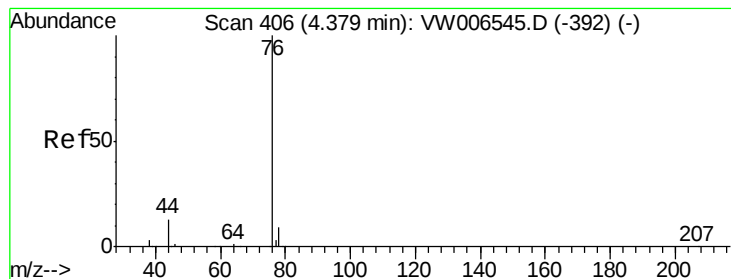
Delta R.T. -0.01 min

Lab File: VW006682.D

Acq: 06 Nov 2018 13:32

Tgt Ion:	43	Resp:	44104
Ion	Ratio	Lower	Upper
43	100		
58	31.4	25.8	38.8





#17

Carbon Disulfide

Concen: 21.335 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW006682.D

Acq: 06 Nov 2018 13:32

Instrument :

MSVOA_W

ClientSampleId :

VW1106SBS01

Tot Ion: 76 Resp: 128614

Ion Ratio Lower Upper

76 100

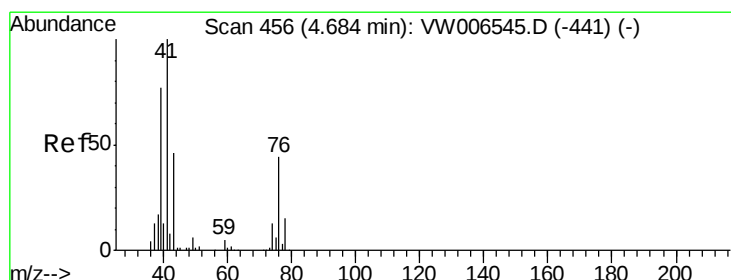
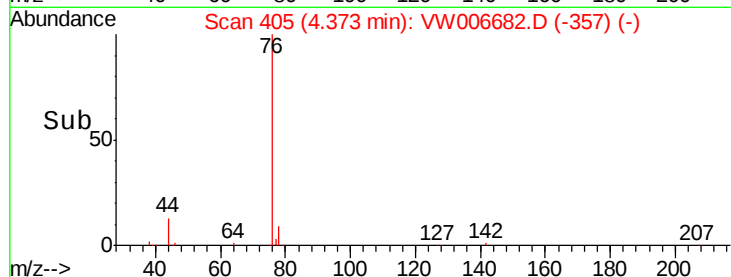
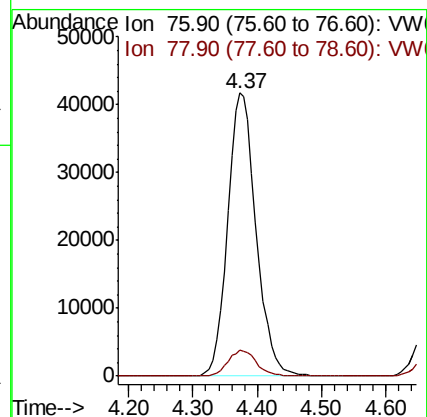
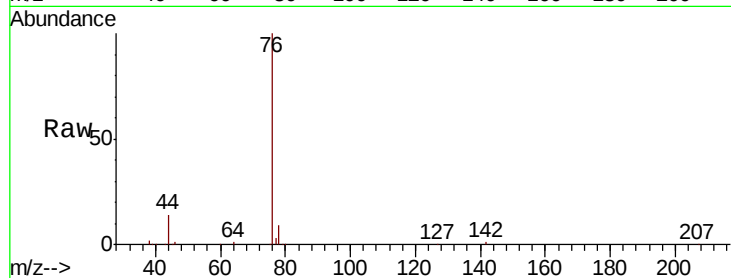
78 9.1 7.3 10.9

Manual Integrations

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#18

Methyl Acetate

Concen: 17.334 ug/l

RT: 4.68 min Scan# 456

Delta R.T. 0.00 min

Lab File: VW006682.D

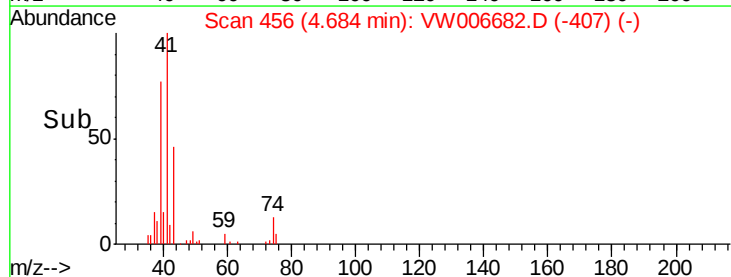
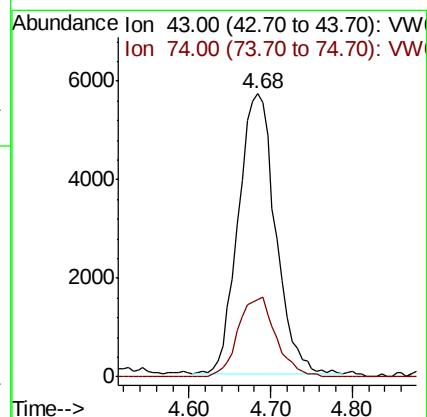
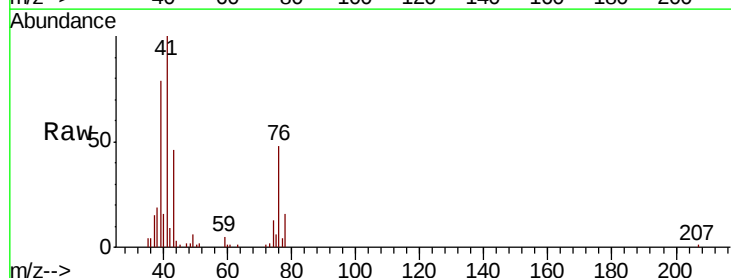
Acq: 06 Nov 2018 13:32

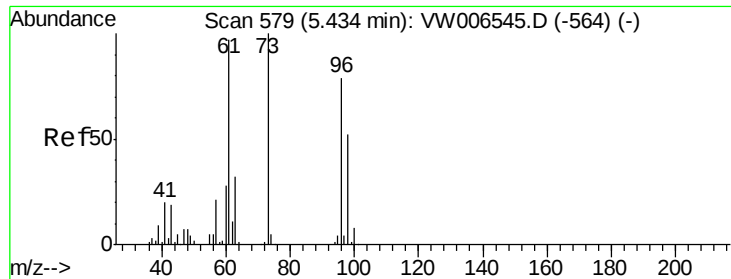
Tgt Ion: 43 Resp: 17965

Ion Ratio Lower Upper

43 100

74 28.8 21.9 32.9





#19

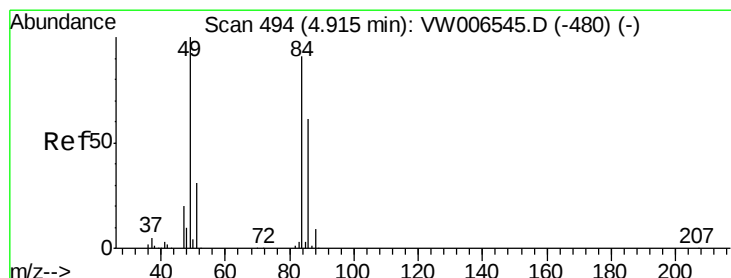
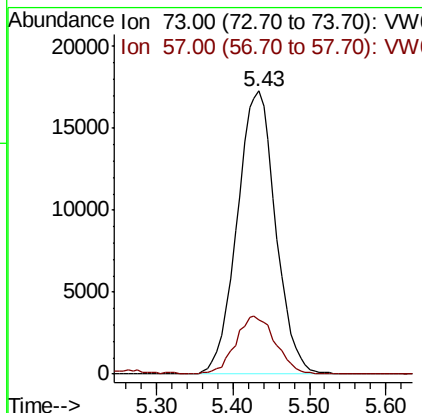
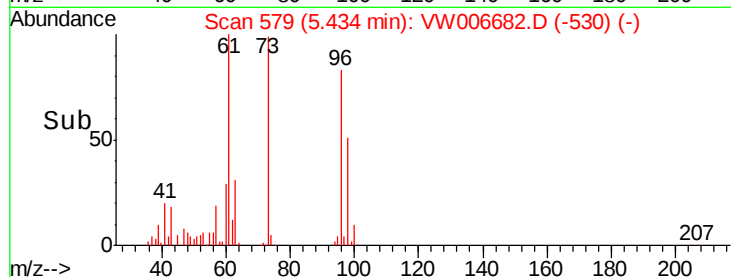
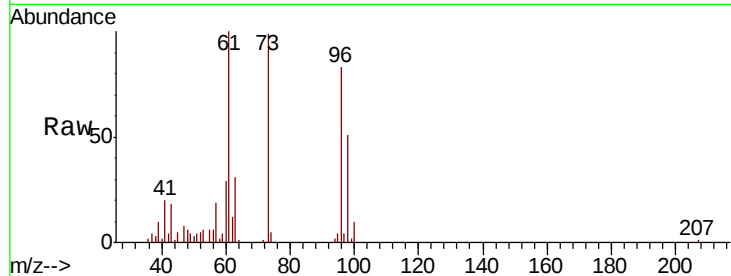
Methyl tert-butyl Ether
 Concen: 19.097 ug/l
 RT: 5.43 min Scan# 579
 Delta R.T. 0.00 min
 Lab File: VW006682.D
 Acq: 06 Nov 2018 13:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1106SBS01

Tot Ion: 73 Resp: 60218
 Ion Ratio Lower Upper
 73 100
 57 19.2 16.7 25.1

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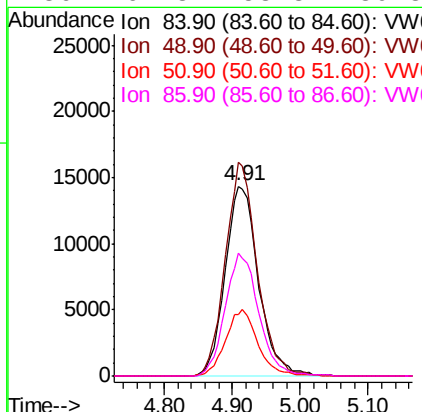
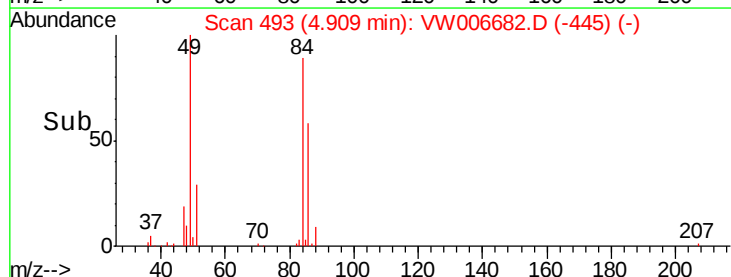
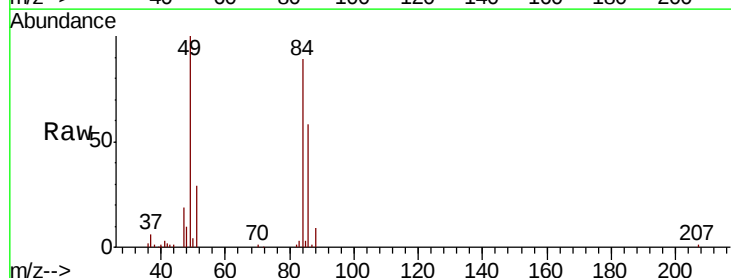
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#20

Methylene Chloride
 Concen: 16.877 ug/l
 RT: 4.91 min Scan# 493
 Delta R.T. -0.01 min
 Lab File: VW006682.D
 Acq: 06 Nov 2018 13:32

Tgt Ion: 84 Resp: 48665
 Ion Ratio Lower Upper
 84 100
 49 112.5 88.2 132.4
 51 32.5 27.0 40.6
 86 64.8 53.8 80.8





#21

trans-1,2-Dichloroethene

Concen: 20.552 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW006682.D

Acq: 06 Nov 2018 13:32

Instrument :

MSVOA_W

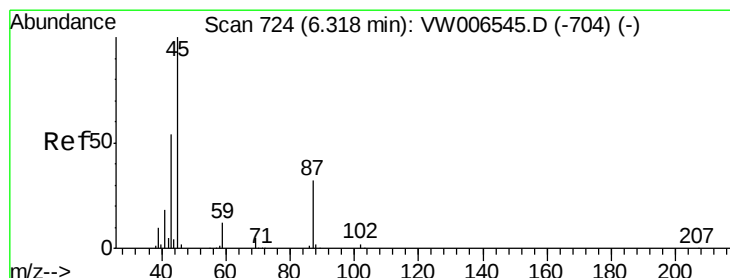
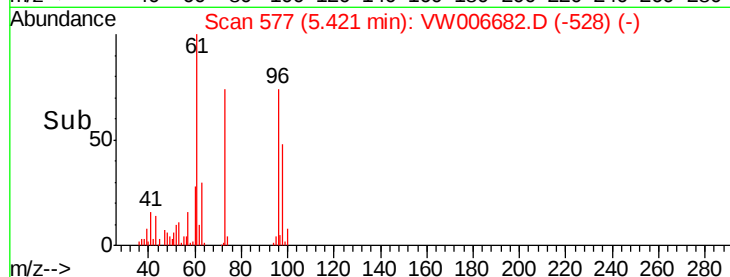
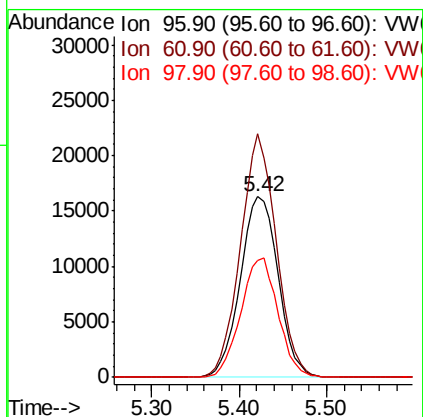
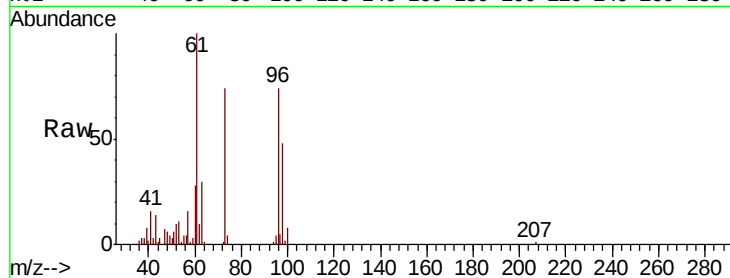
ClientSampleId :

VW1106SBS01

Tot Ion:	96	Resp:	49265
Ion	Ratio	Lower	Upper
96	100		
61	134.7	100.6	150.8
98	64.5	52.9	79.3

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#22

Diisopropyl ether

Concen: 19.908 ug/l

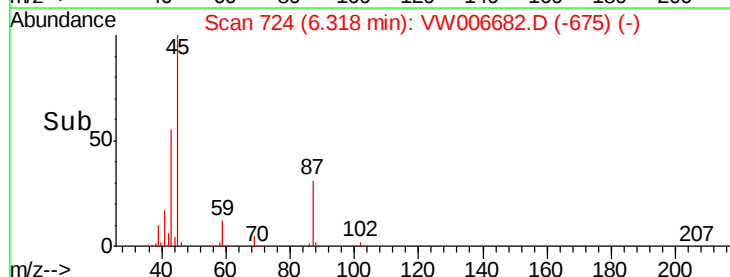
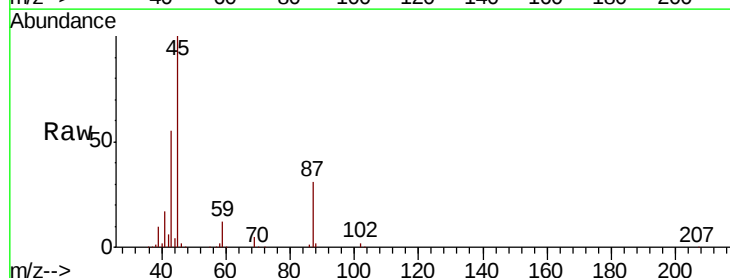
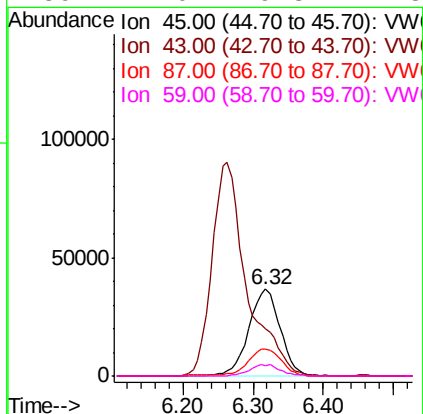
RT: 6.32 min Scan# 724

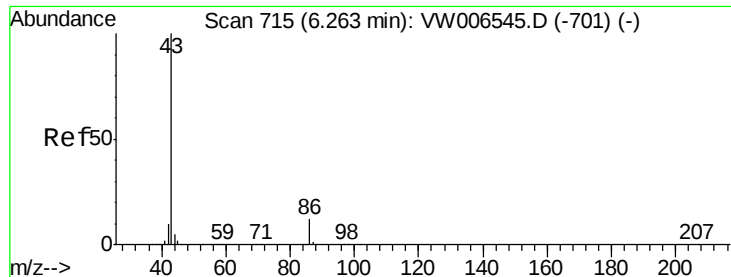
Delta R.T. 0.00 min

Lab File: VW006682.D

Acq: 06 Nov 2018 13:32

Tgt Ion:	45	Resp:	114765
Ion	Ratio	Lower	Upper
45	100		
43	54.2	43.6	65.4
87	31.1	26.3	39.5
59	12.0	9.8	14.8





#23

Vinyl Acetate

Concen: 97.493 ug/l

RT: 6.26 min Scan# 715

Delta R.T. 0.00 min

Lab File: VW006682.D

Acq: 06 Nov 2018 13:32

Instrument :

MSVOA_W

ClientSampleID :

VW1106SBS01

Tot Ion: 43 Resp: 311667

Ion Ratio Lower Upper

43 100

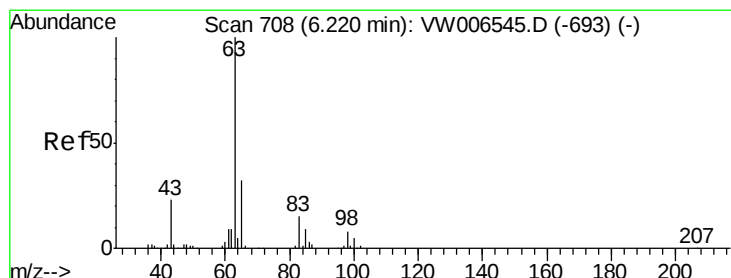
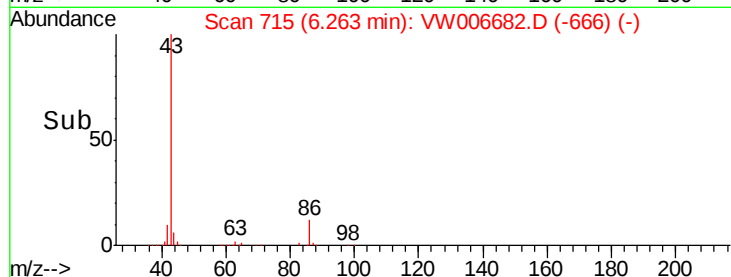
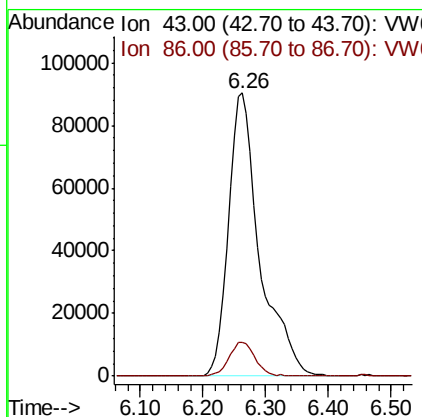
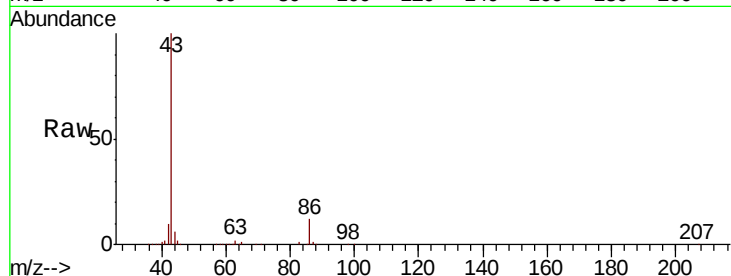
86 12.0 9.8 14.8

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#24

1,1-Dichloroethane

Concen: 20.187 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW006682.D

Acq: 06 Nov 2018 13:32

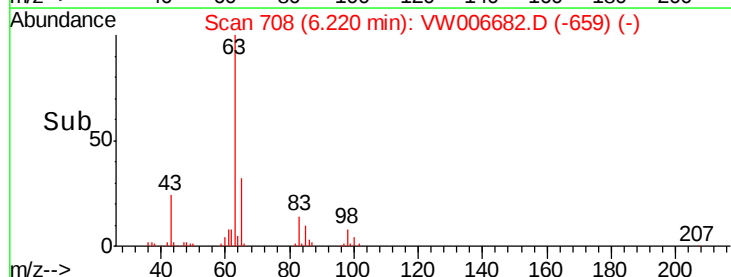
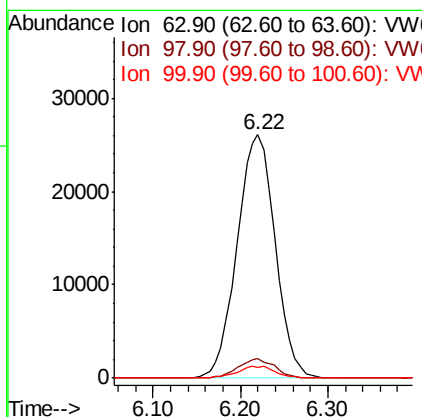
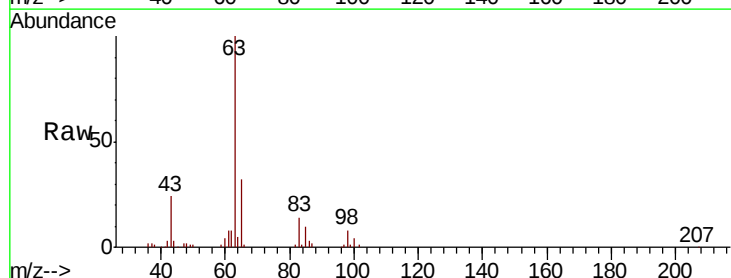
Tgt Ion: 63 Resp: 78869

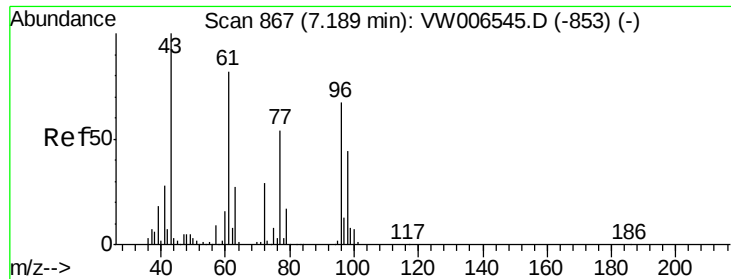
Ion Ratio Lower Upper

63 100

98 7.9 3.8 11.4

100 4.3 2.4 7.2





#25

2-Butanone

Concen: 104.905 ug/l

RT: 7.19 min Scan# 867

Delta R.T. 0.00 min

Lab File: VW006682.D

Acq: 06 Nov 2018 13:32

Instrument :

MSVOA_W

ClientSampleId :

VW1106SBS01

Tot Ion: 43 Resp: 53954

Ion Ratio Lower Upper

43 100

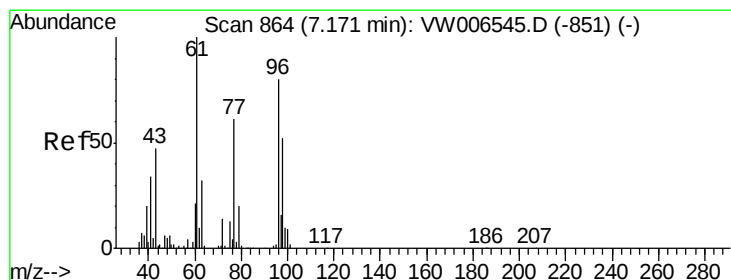
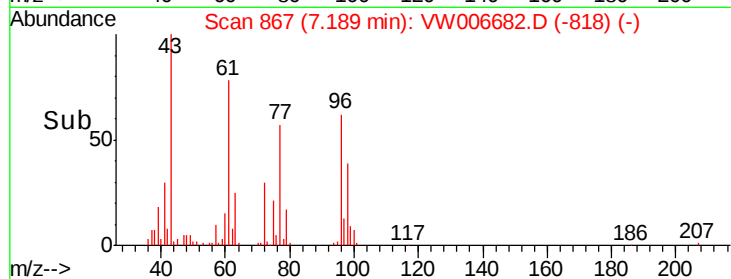
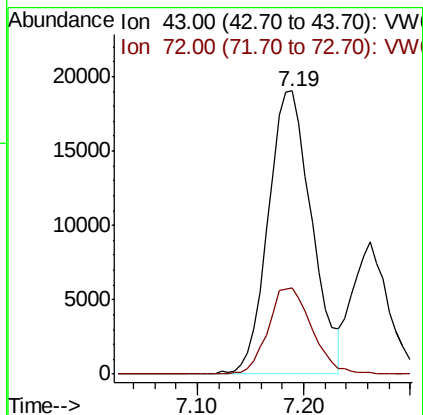
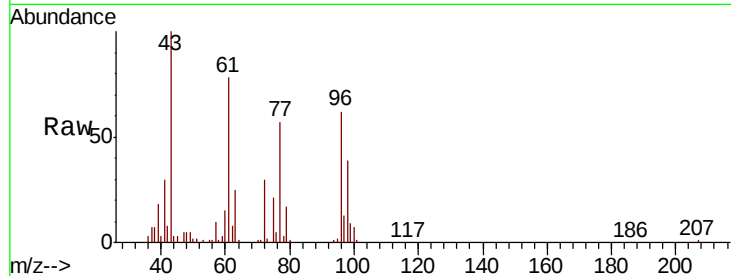
72 30.4 23.2 34.8

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#26

2,2-Dichloropropane

Concen: 23.378 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW006682.D

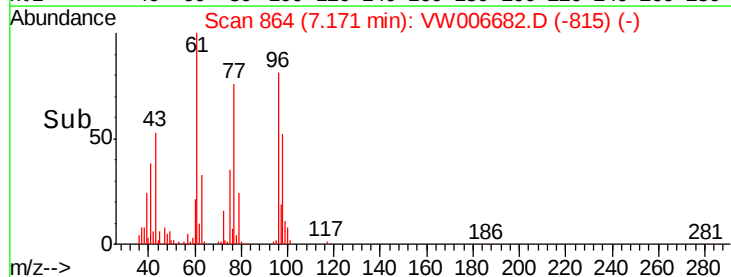
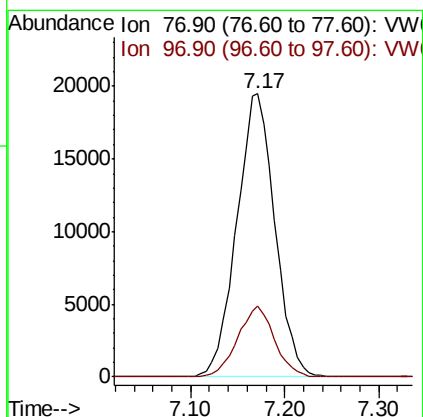
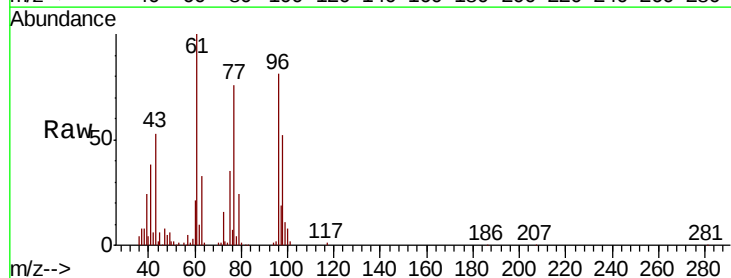
Acq: 06 Nov 2018 13:32

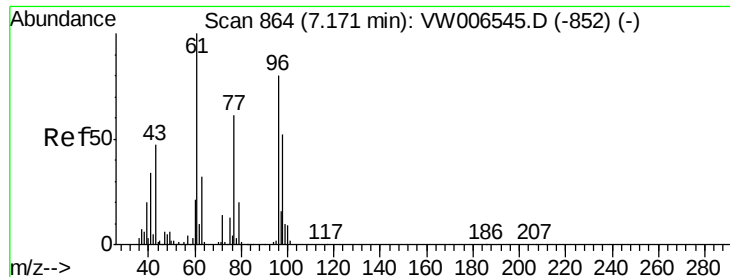
Tgt Ion: 77 Resp: 55019

Ion Ratio Lower Upper

77 100

97 24.1 12.8 38.4





#27

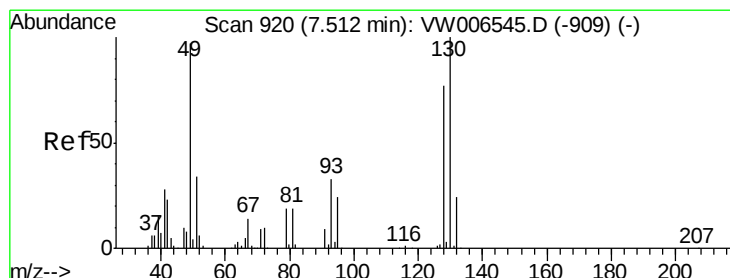
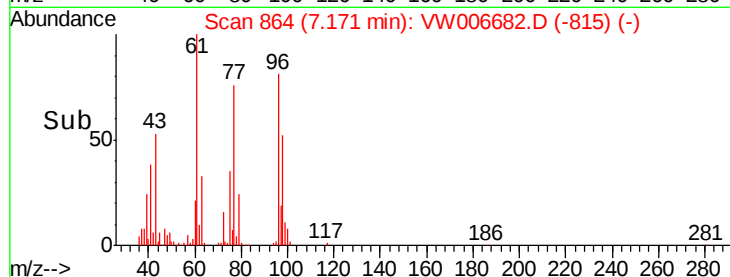
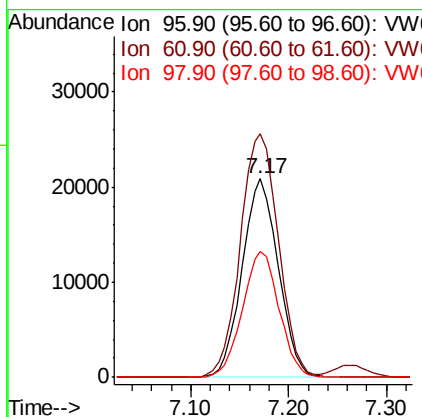
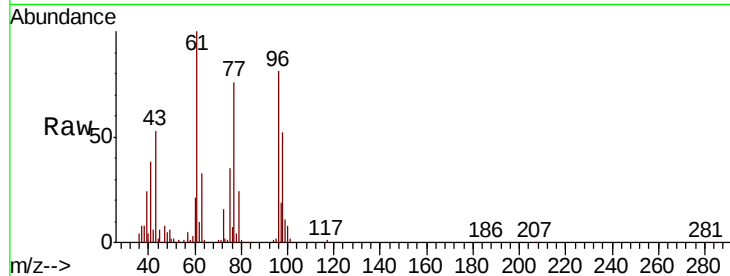
cis-1,2-Dichloroethene
 Concen: 20.002 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VW006682.D
 Acq: 06 Nov 2018 13:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1106SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	129.4	0.0	254.2
98	63.9	0.0	129.6

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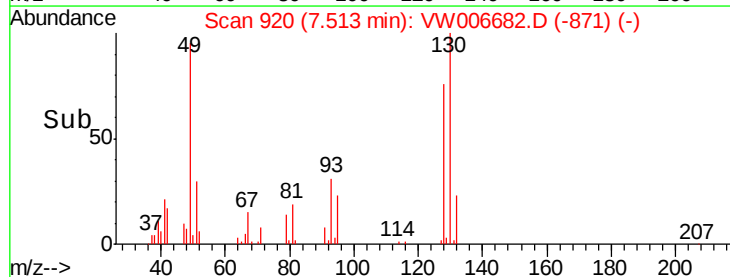
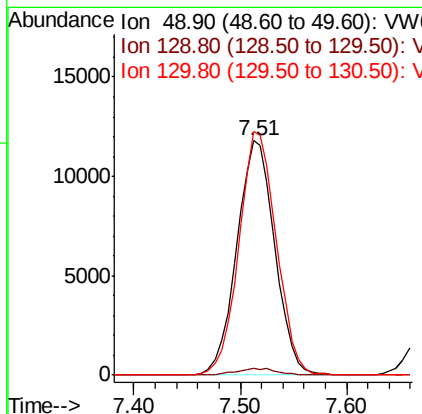
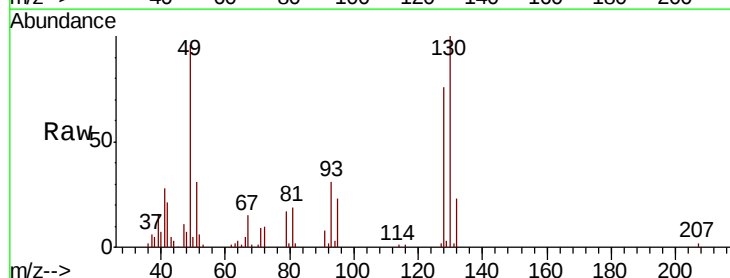
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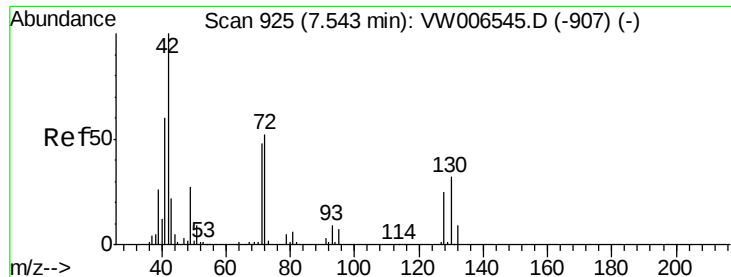


#28

Bromochloromethane
 Concen: 19.031 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: VW006682.D
 Acq: 06 Nov 2018 13:32

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	5.6
130	102.1	82.2	123.2





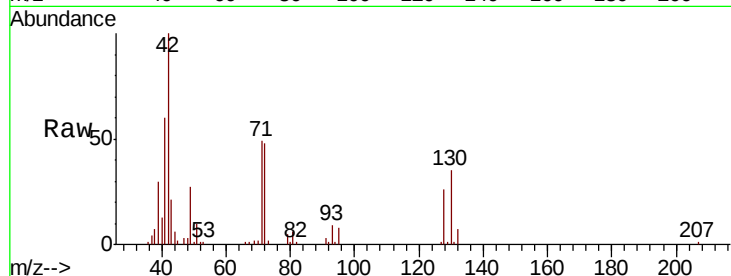
#29
Tetrahydrofuran
Concen: 88.253 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.00 min
Lab File: VW006682.D
Acq: 06 Nov 2018 13:32

Instrument :
MSVOA_W
ClientSampleId :
VW1106SBS01

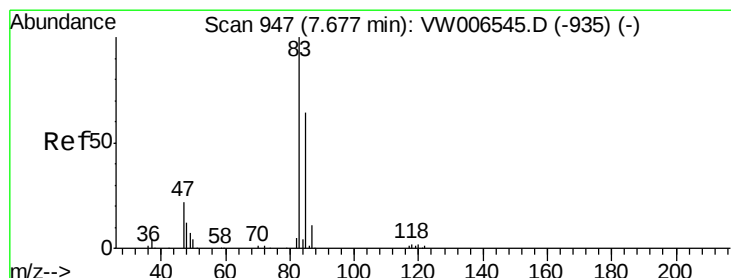
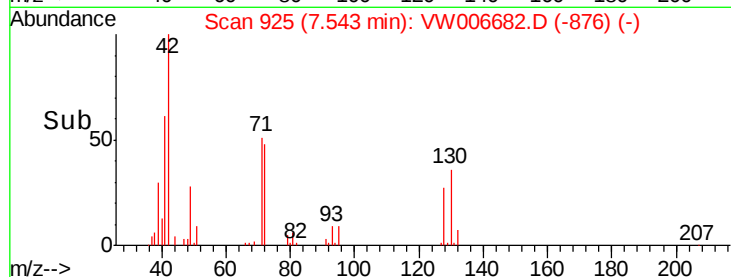
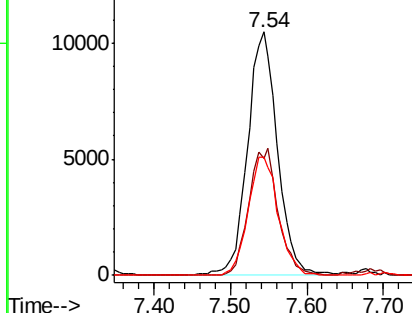
Tot Ion	Ratio	Lower	Upper
42	100		
72	51.2	39.2	58.8
71	48.7	37.6	56.4

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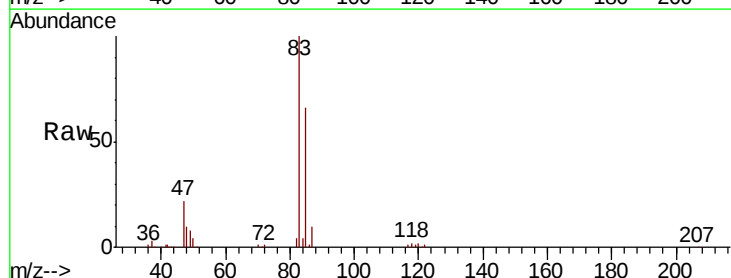


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

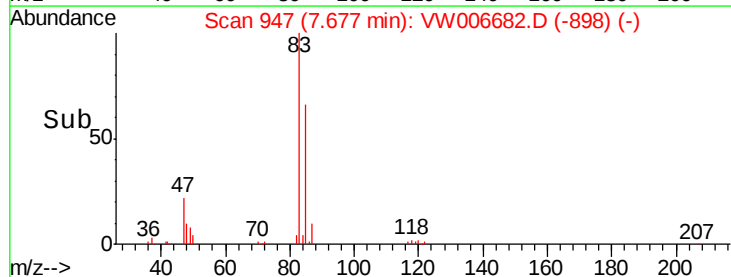
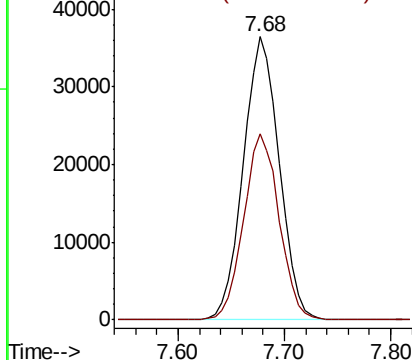


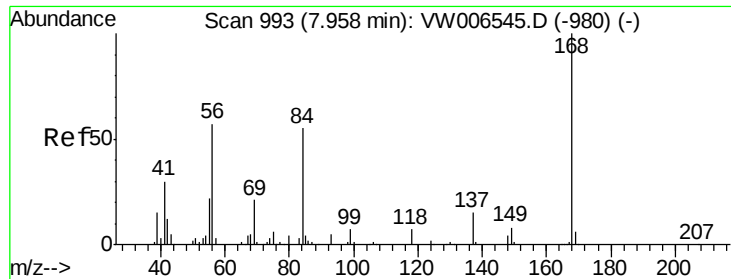
#30
Chloroform
Concen: 20.164 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW006682.D
Acq: 06 Nov 2018 13:32

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.7	51.3	76.9



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW





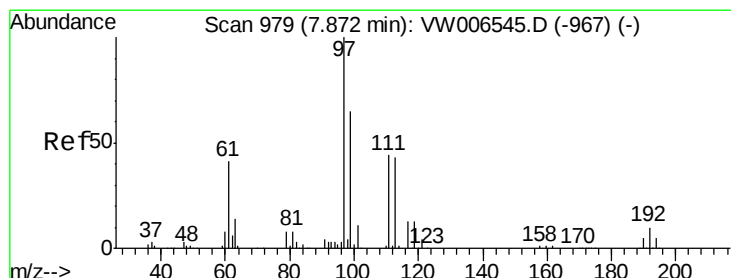
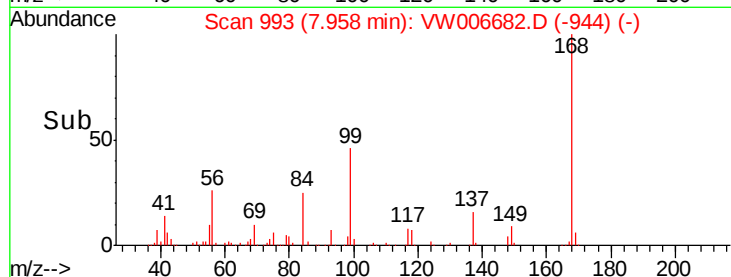
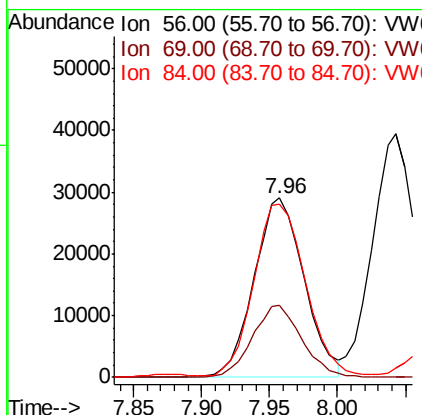
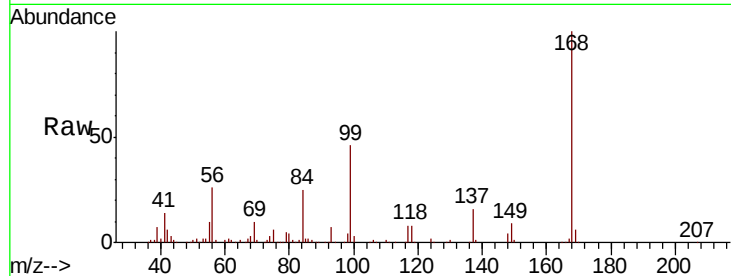
#31
Cyclohexane
Concen: 20.996 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW006682.D
Acq: 06 Nov 2018 13:32

Instrument :
MSVOA_W
ClientSampleId :
VW1106SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	39.9	29.0	43.4
84	95.7	77.8	116.6

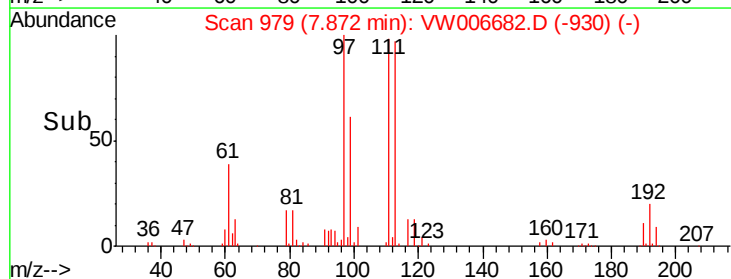
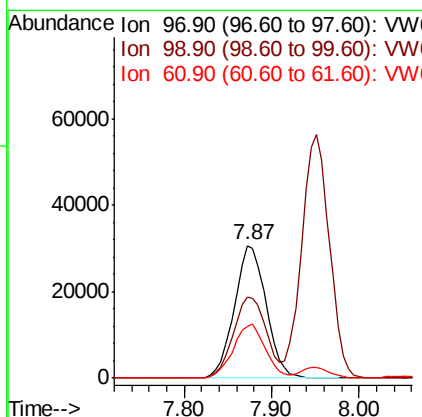
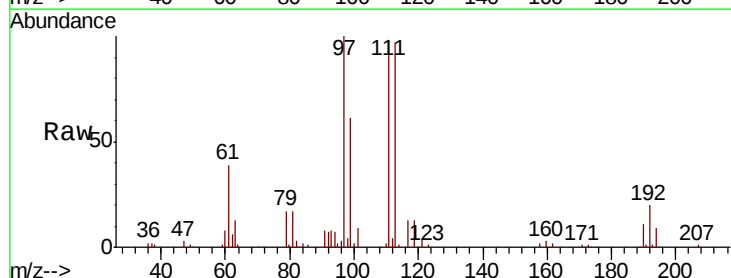
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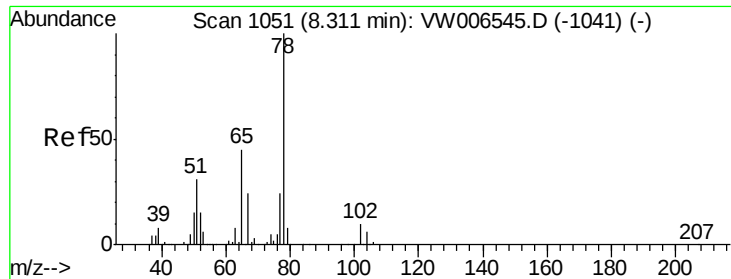
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#32
1,1,1-Trichloroethane
Concen: 21.314 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW006682.D
Acq: 06 Nov 2018 13:32

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.3	51.7	77.5
61	41.0	32.9	49.3





#33

1,2-Dichloroethane-d4

Concen: 45.968 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006682.D

Acq: 06 Nov 2018 13:32

Instrument :

MSVOA_W

ClientSampleID :

VW1106SBS01

Tot Ion: 65 Resp: 102621

Ion Ratio Lower Upper

65 100

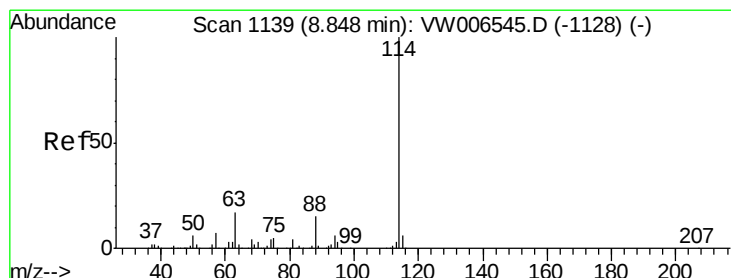
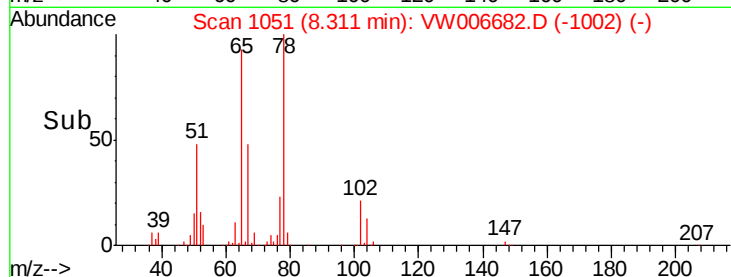
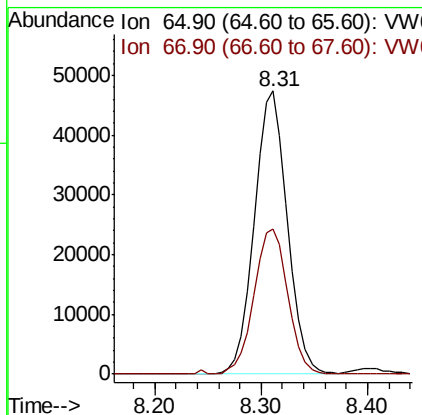
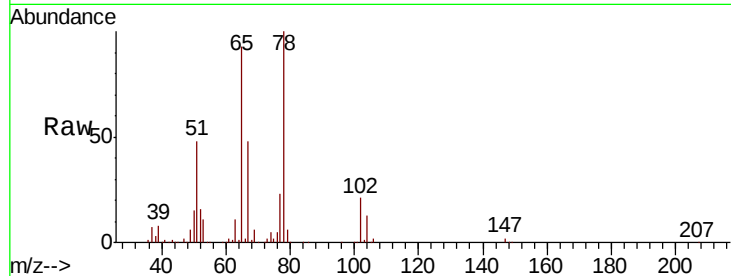
67 52.8 0.0 104.4

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.00 min

Lab File: VW006682.D

Acq: 06 Nov 2018 13:32

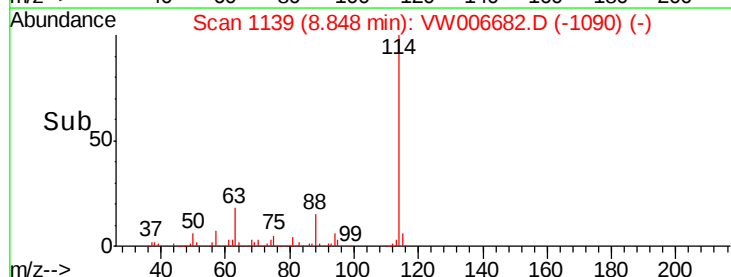
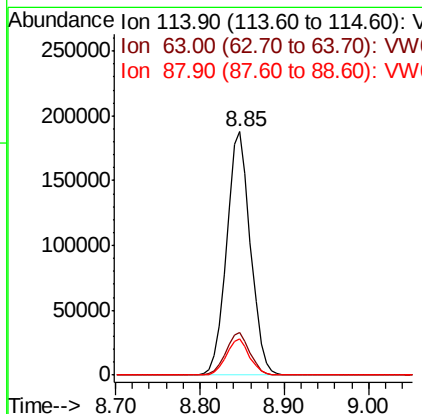
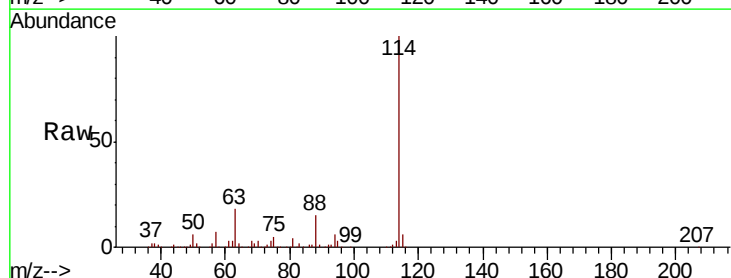
Tgt Ion: 114 Resp: 360501

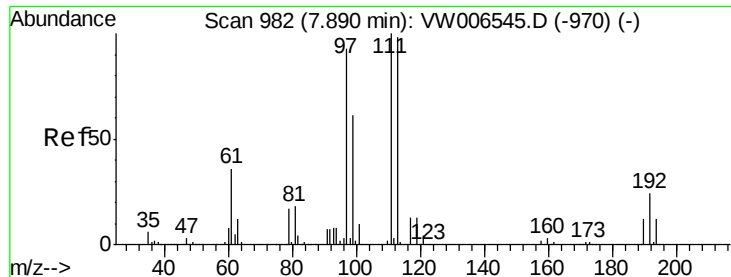
Ion Ratio Lower Upper

114 100

63 17.6 0.0 34.4

88 14.6 0.0 29.0





#35

Dibromofluoromethane

Concen: 49.885 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006682.D

Acq: 06 Nov 2018 13:32

Instrument :

MSVOA_W

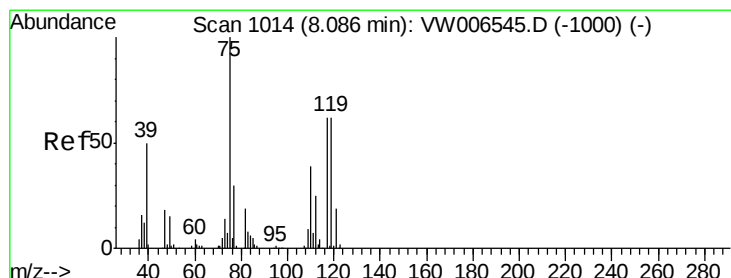
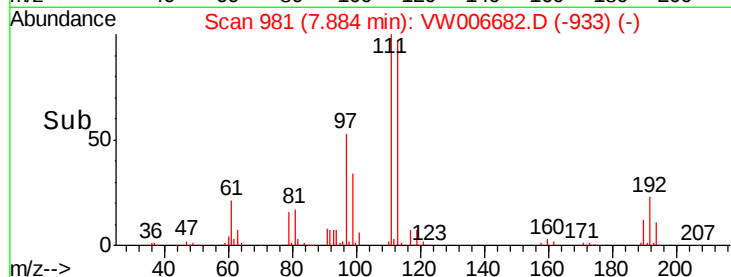
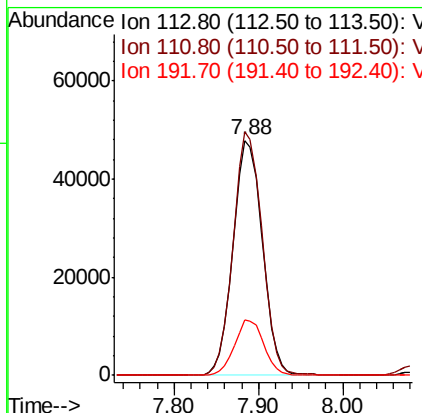
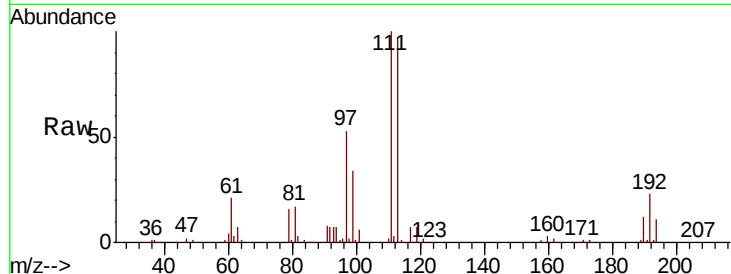
ClientSampleId :

VW1106SBS01

Tot Ion:	113	Resp:	112862
Ion Ratio	Lower	Upper	
113	100		
111	102.0	82.2	123.2
192	23.4	19.0	28.6

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 21.533 ug/l

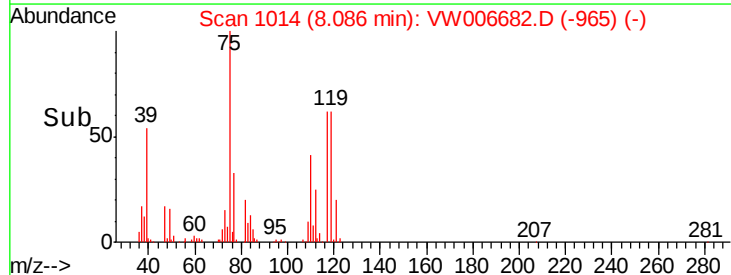
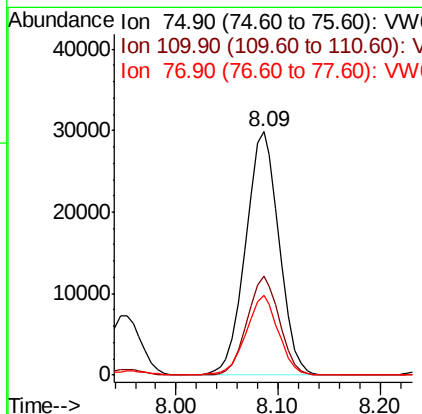
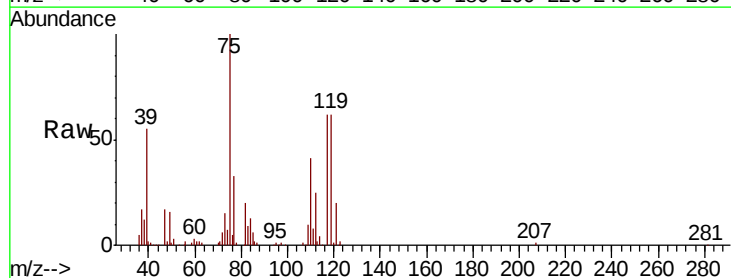
RT: 8.09 min Scan# 1014

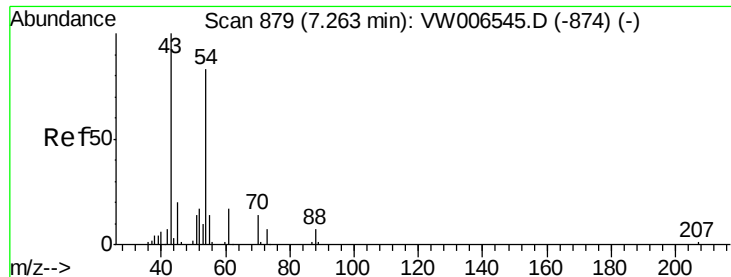
Delta R.T. 0.00 min

Lab File: VW006682.D

Acq: 06 Nov 2018 13:32

Tgt Ion:	75	Resp:	68264
Ion Ratio	Lower	Upper	
75	100		
110	39.2	19.5	58.5
77	31.8	24.6	37.0





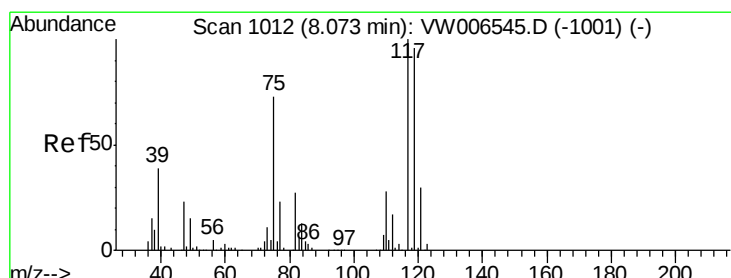
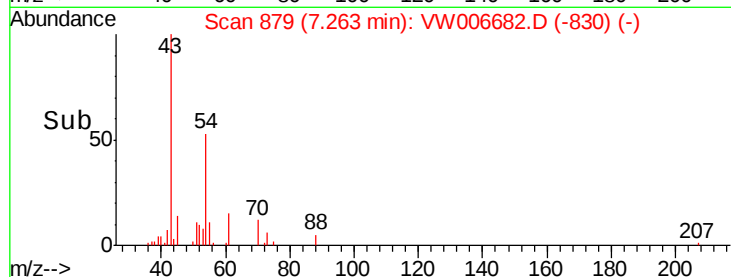
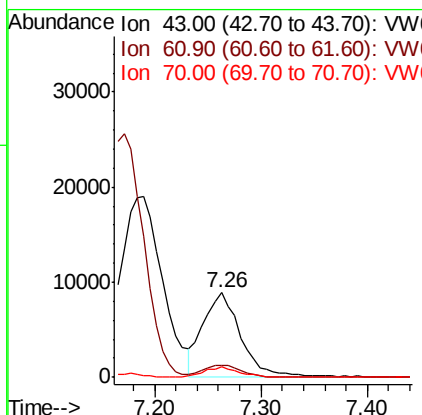
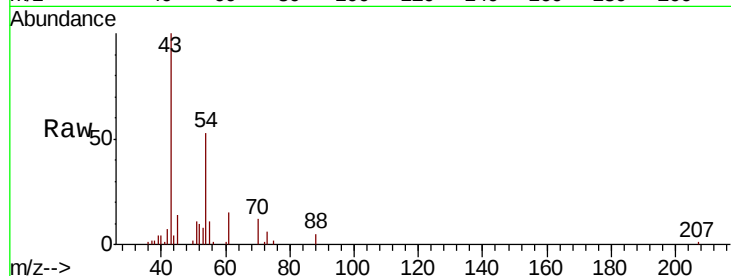
#37
Ethyl Acetate
Concen: 19.469 ug/l
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: VW006682.D
Acq: 06 Nov 2018 13:32

Instrument :
MSVOA_W
ClientSampleId :
VW1106SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.1	12.1	18.1
70	11.6	9.8	14.6

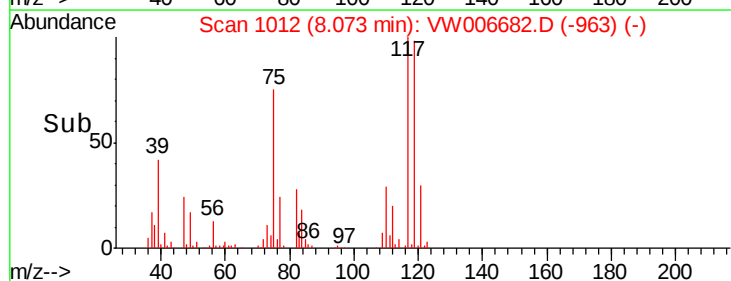
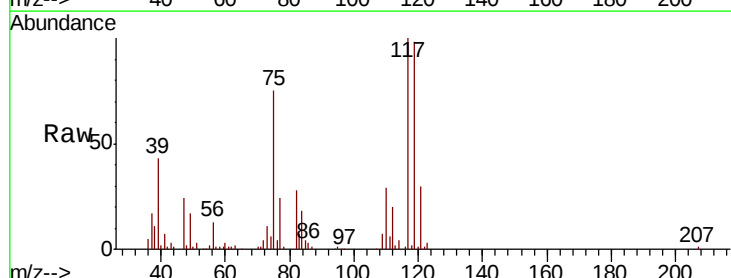
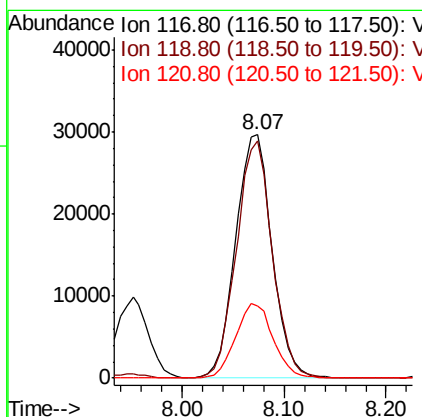
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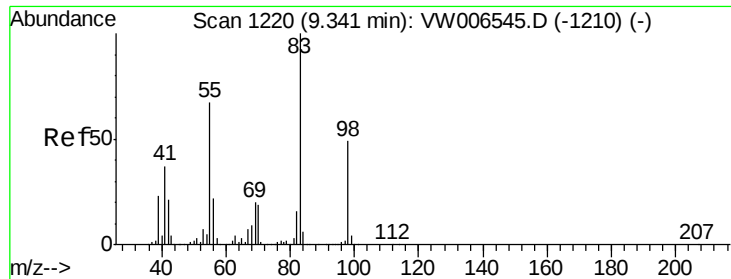
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#38
Carbon Tetrachloride
Concen: 22.194 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VW006682.D
Acq: 06 Nov 2018 13:32

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.5	76.3	114.5
121	29.8	24.1	36.1





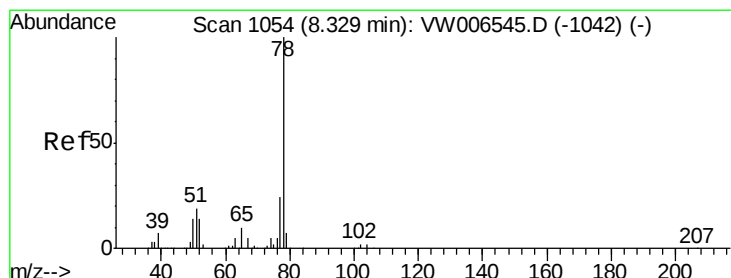
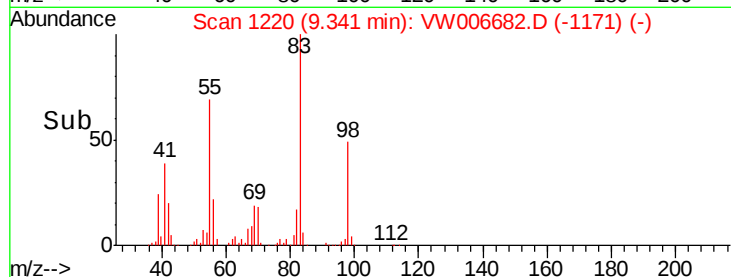
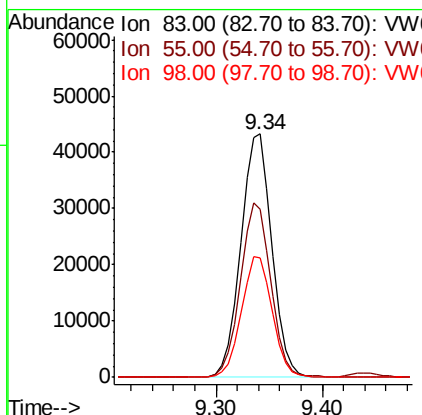
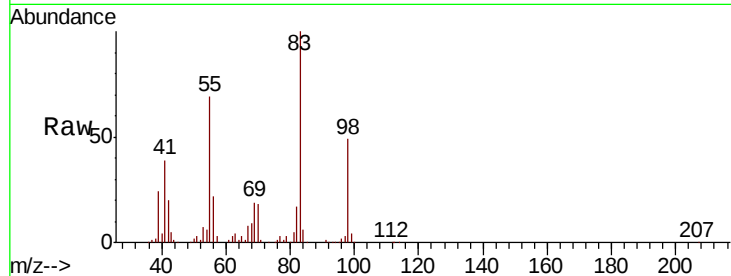
#39
Methvlcvclohexane
Concen: 22.033 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. 0.00 min
Lab File: VW006682.D
Acq: 06 Nov 2018 13:32

Instrument :
MSVOA_W
ClientSampleId :
VW1106SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	68.9	53.7	80.5
98	48.9	39.2	58.8

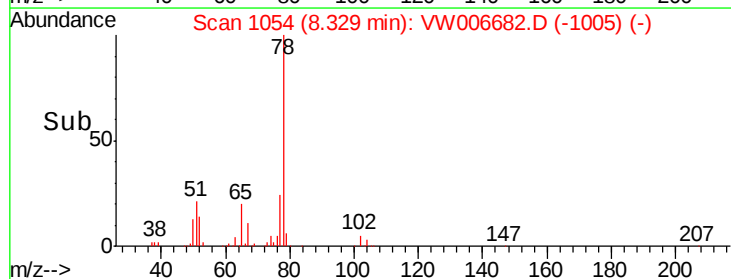
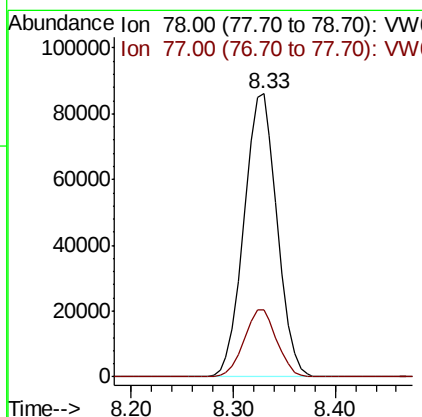
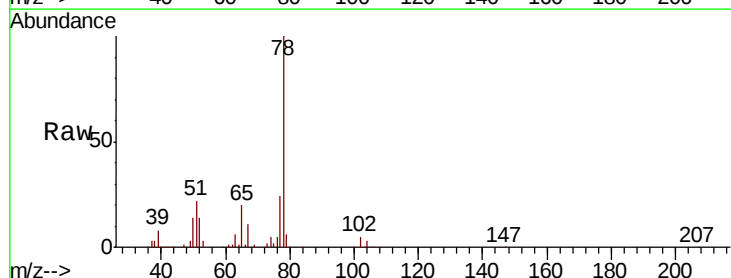
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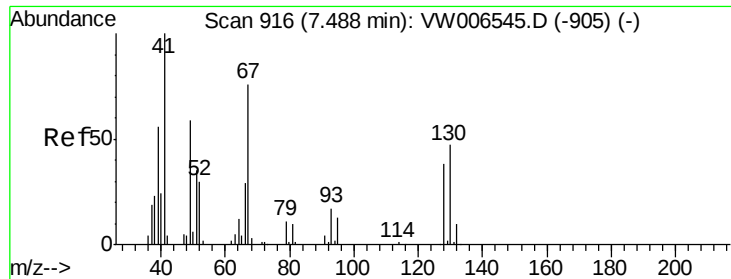
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#40
Benzene
Concen: 21.556 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW006682.D
Acq: 06 Nov 2018 13:32

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.2	28.8





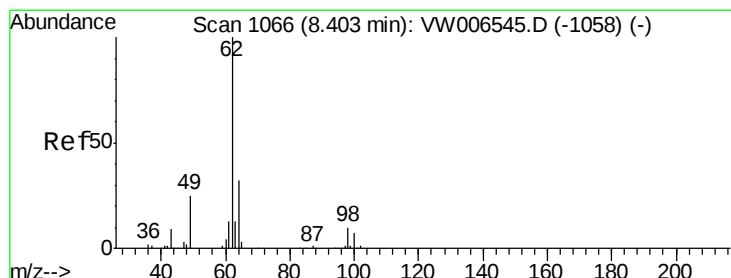
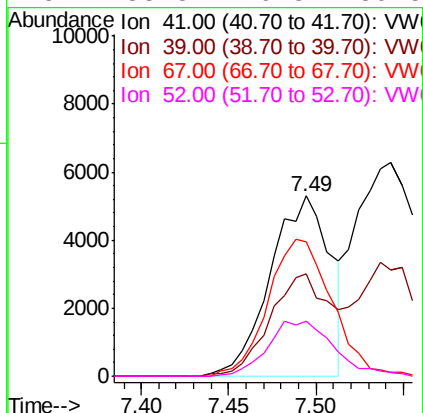
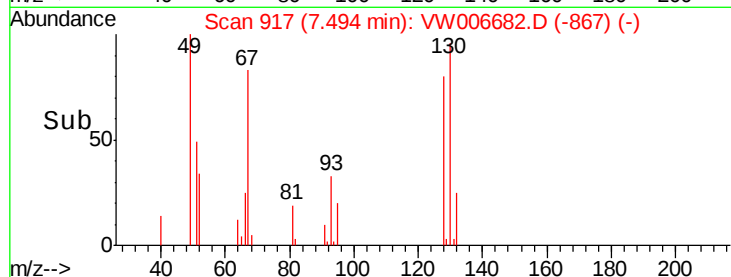
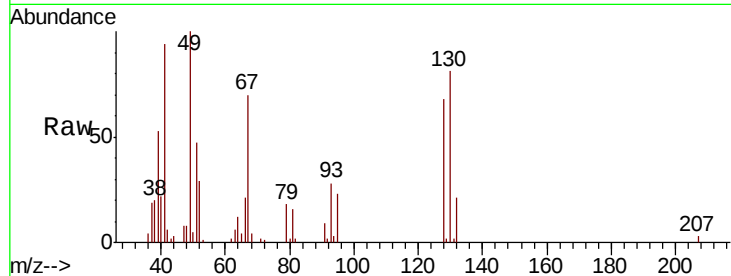
#41
Methacrylonitrile
Concen: 18.847 ug/l
RT: 7.49 min Scan# 917
Delta R.T. 0.01 min
Lab File: VW006682.D
Acq: 06 Nov 2018 13:32

Instrument :
MSVOA_W
ClientSampleId :
VW1106SBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	56.6	44.5	66.7
67	80.9	63.8	95.8
52	33.8	26.3	39.5

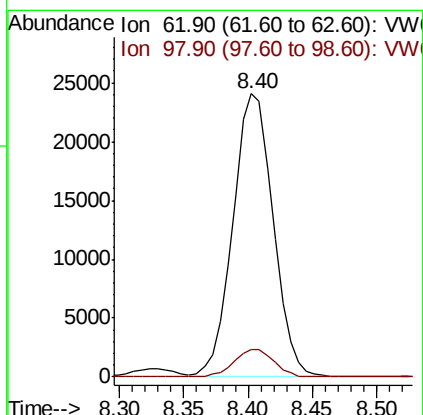
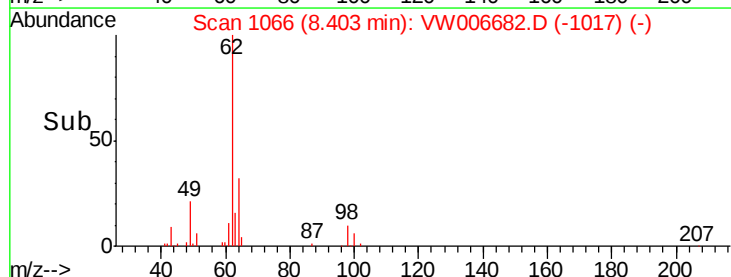
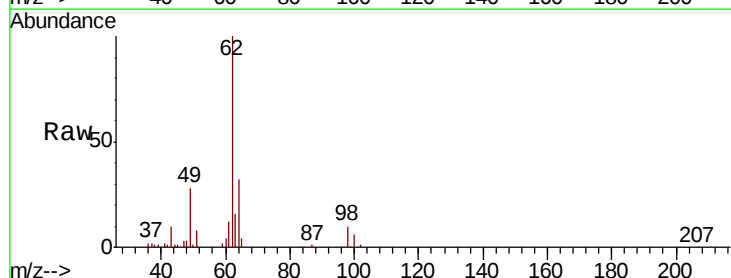
Manual Integrations
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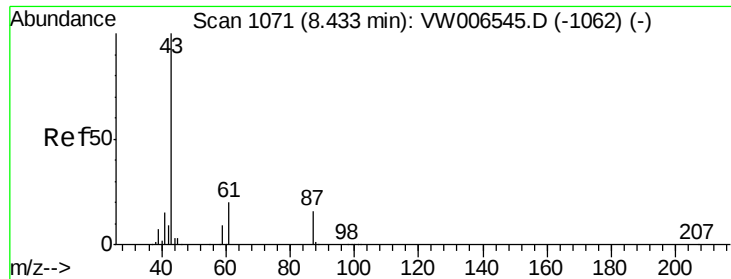
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#42
1,2-Dichloroethane
Concen: 20.236 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW006682.D
Acq: 06 Nov 2018 13:32

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	19.8





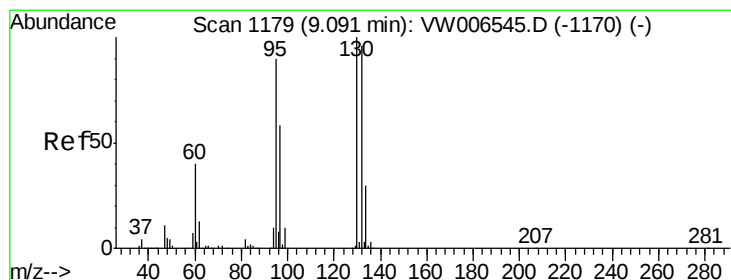
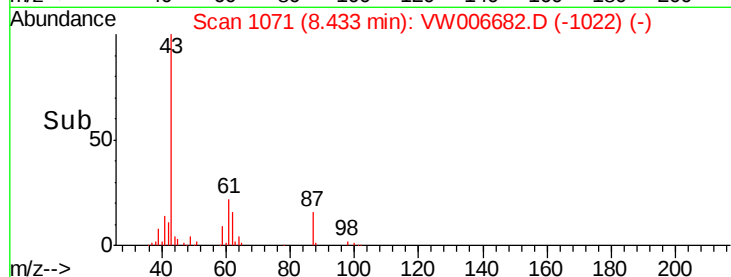
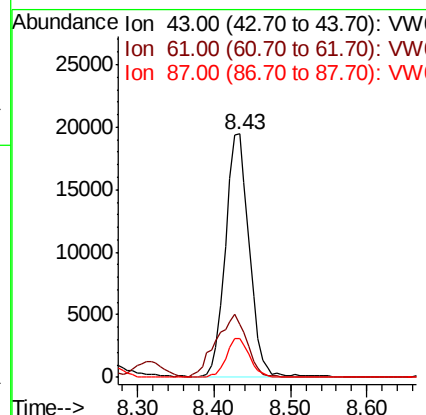
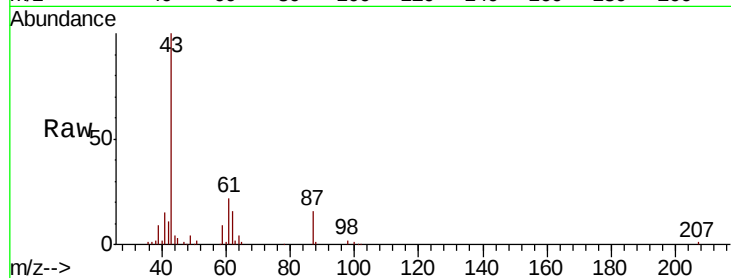
#43
Isopropyl Acetate
Concen: 19.212 ug/l
RT: 8.43 min Scan# 1071
Delta R.T. 0.00 min
Lab File: VW006682.D
Acq: 06 Nov 2018 13:32

Instrument :
MSVOA_W
ClientSampleID :
VW1106SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	33.5	27.2	40.8
87	15.5	12.9	19.3

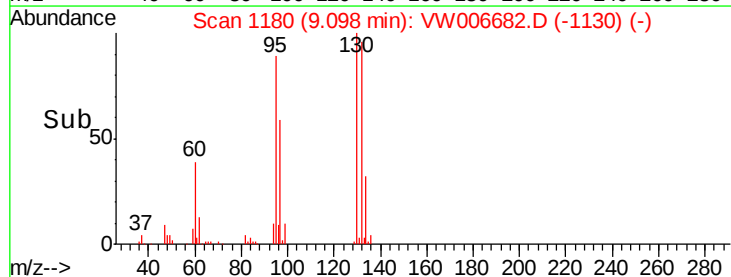
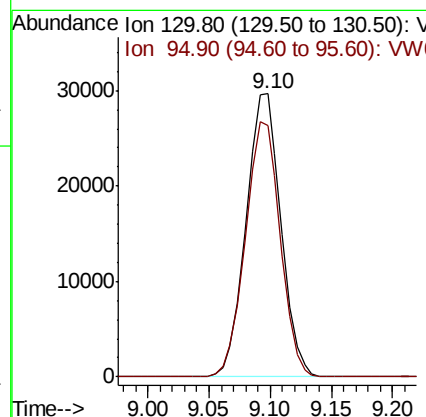
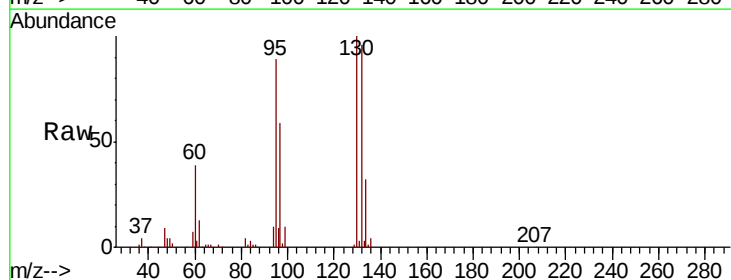
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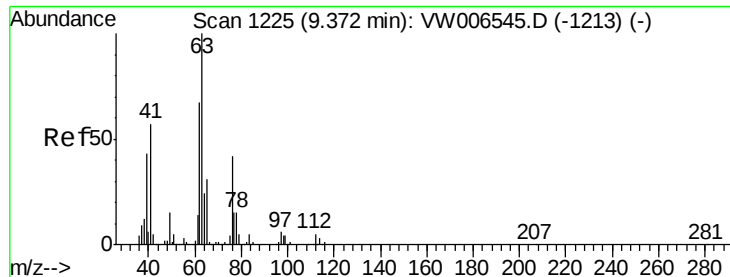
apatel
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#44
Trichloroethene
Concen: 21.153 ug/l
RT: 9.10 min Scan# 1180
Delta R.T. 0.01 min
Lab File: VW006682.D
Acq: 06 Nov 2018 13:32

Tgt Ion	Ratio	Lower	Upper
130	100		
95	88.9	0.0	179.2





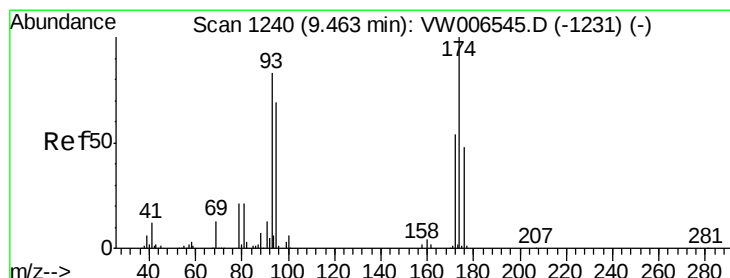
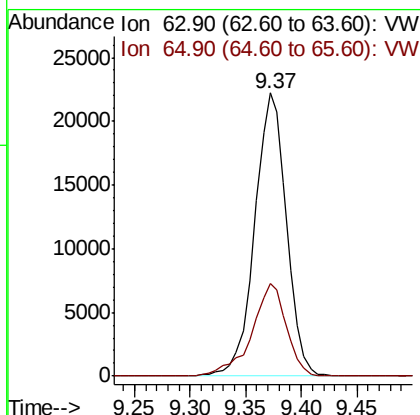
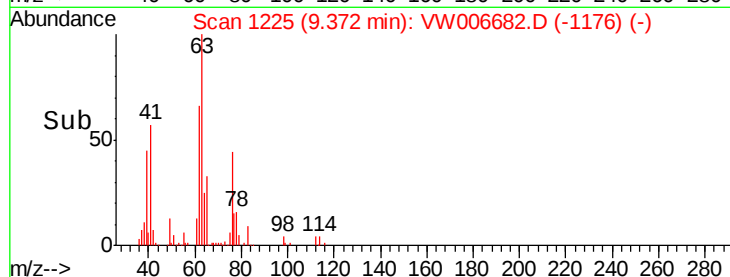
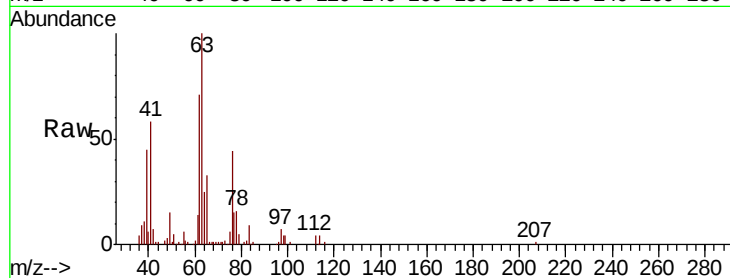
#45
 1,2-Dichloropropane
 Concen: 21.041 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW006682.D
 Acq: 06 Nov 2018 13:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1106SBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.9	25.1	37.7

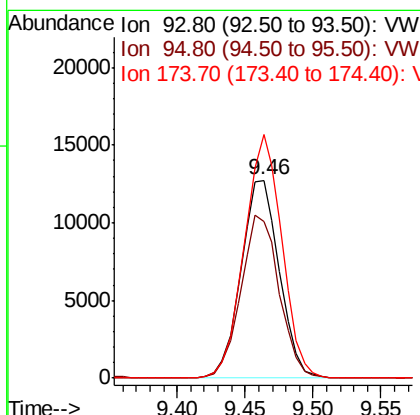
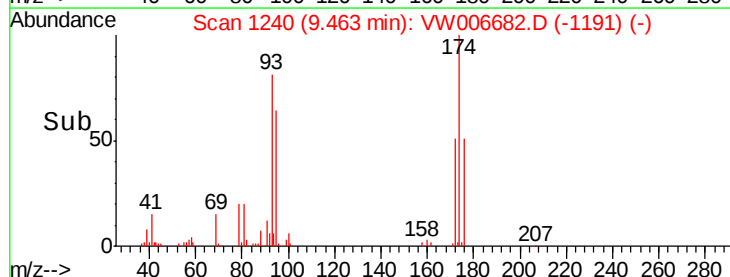
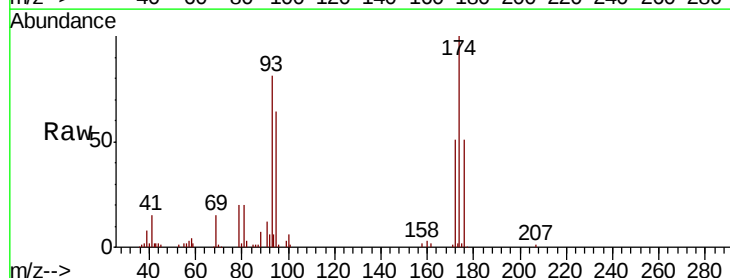
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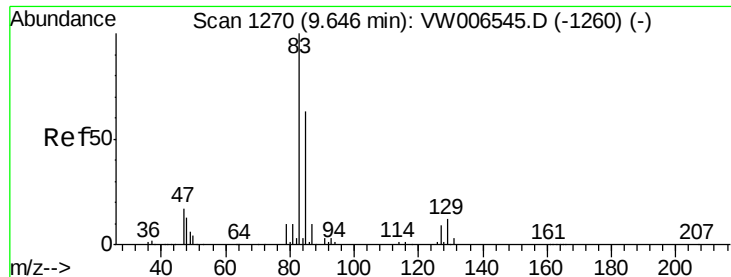
apatel
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#46
 Dibromomethane
 Concen: 20.324 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VW006682.D
 Acq: 06 Nov 2018 13:32

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.5	67.2	100.8
174	120.7	97.3	145.9





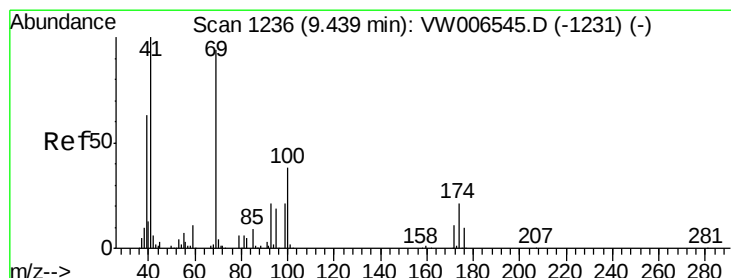
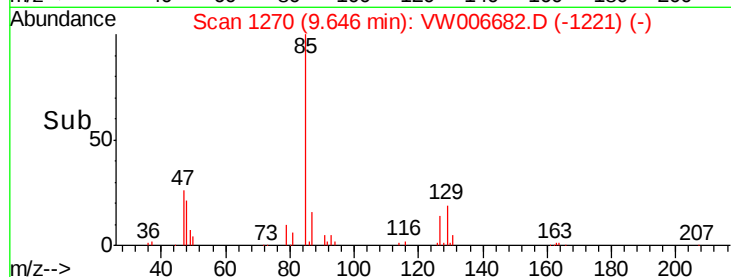
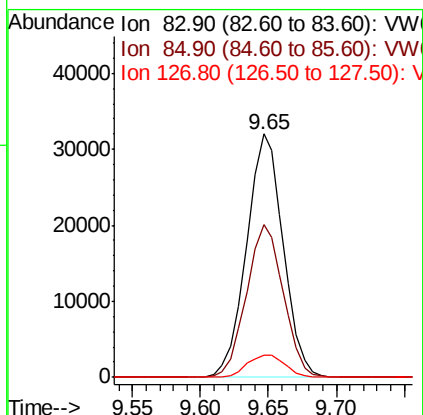
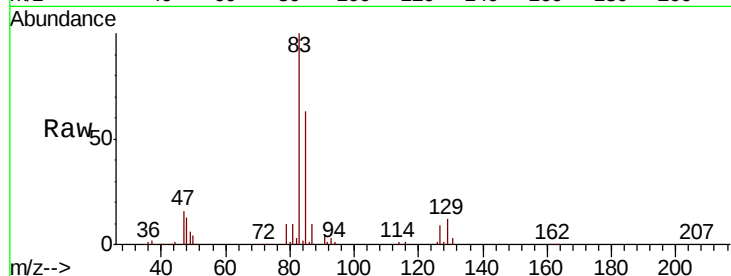
#47
Bromodichloromethane
Concen: 21.032 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VW006682.D
Acq: 06 Nov 2018 13:32

Instrument :
MSVOA_W
ClientSampleId :
VW1106SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
85	62.7	50.6	75.8
127	9.0	7.5	11.3

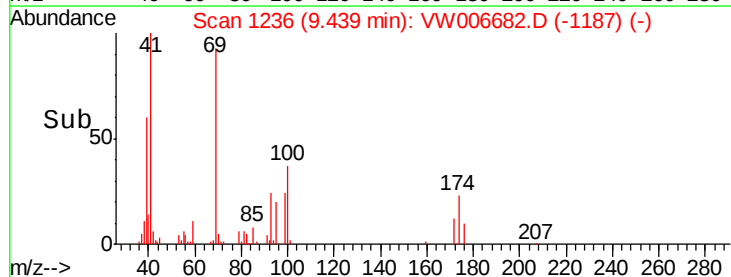
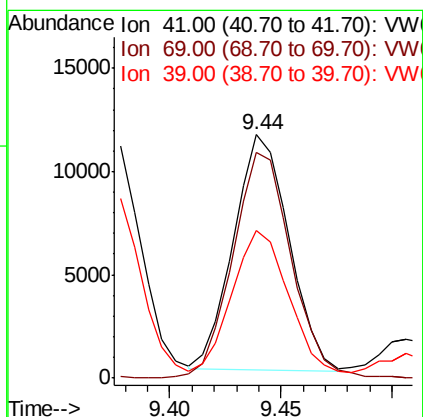
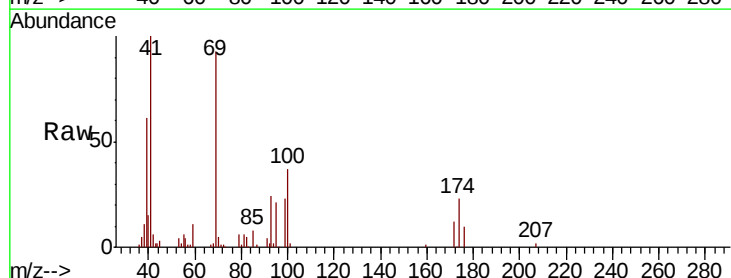
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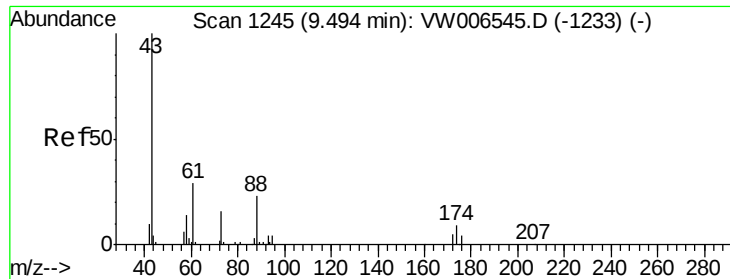
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#48
Methyl methacrylate
Concen: 18.673 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VW006682.D
Acq: 06 Nov 2018 13:32

Tgt Ion	Ratio	Lower	Upper
41	100		
69	101.6	77.8	116.8
39	61.4	48.7	73.1





#49

1,4-Dioxane

Concen: 378.634 ug/l

RT: 9.48 min Scan# 1242

Delta R.T. -0.02 min

Lab File: VW006682.D

Acq: 06 Nov 2018 13:32

Instrument :

MSVOA_W

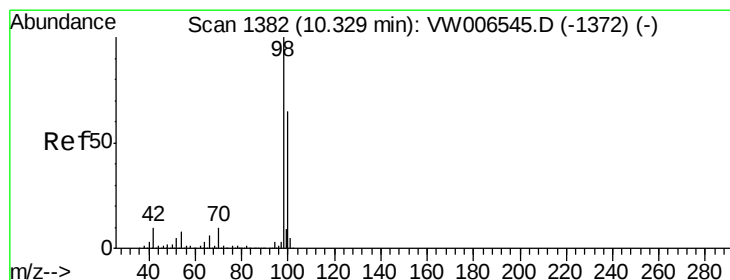
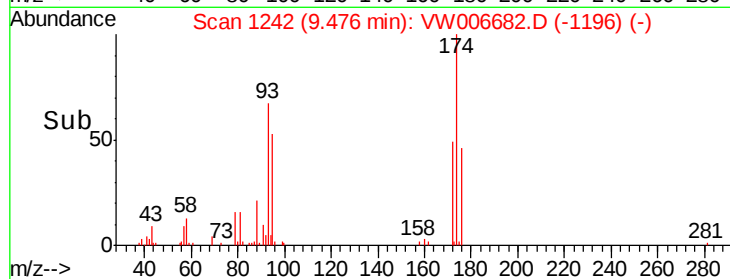
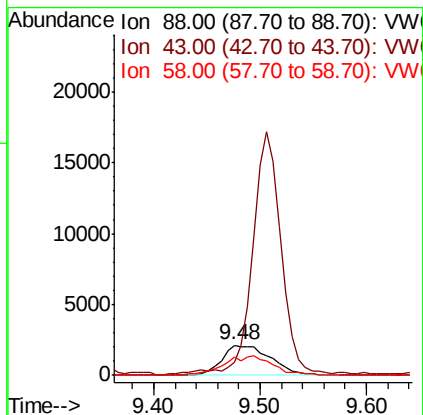
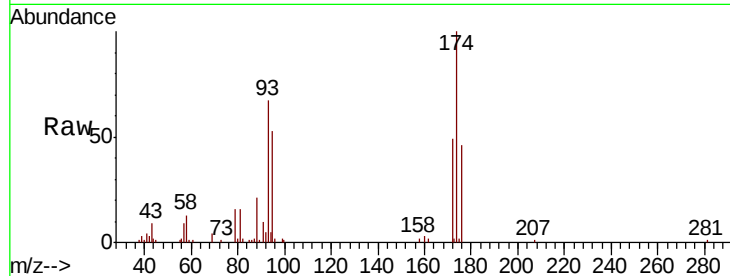
ClientSampleId :

VW1106SBS01

Tot Ion	88	Resp	6826
Ion	Ratio	Lower	Upper
88	100		
43	0.0	356.6	534.8#
58	0.0	51.4	77.2#

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#50

Toluene-d8

Concen: 50.117 ug/l

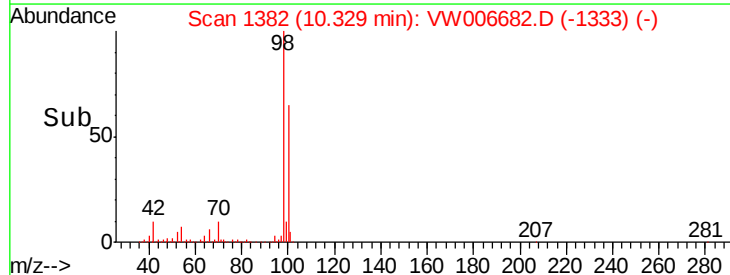
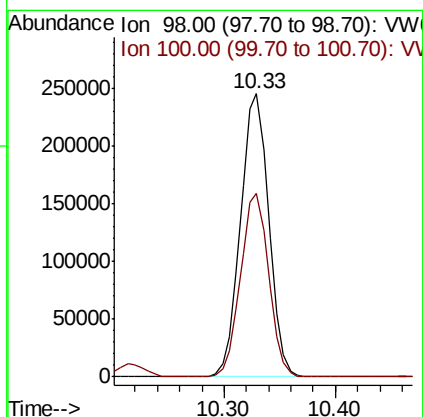
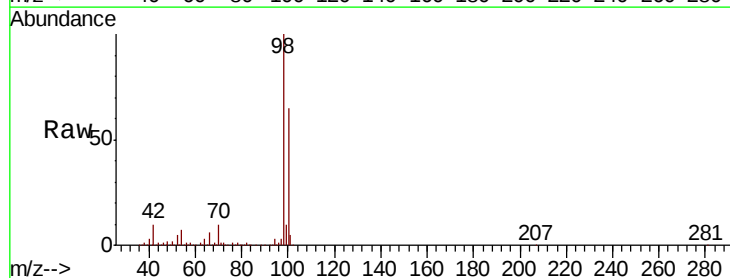
RT: 10.33 min Scan# 1382

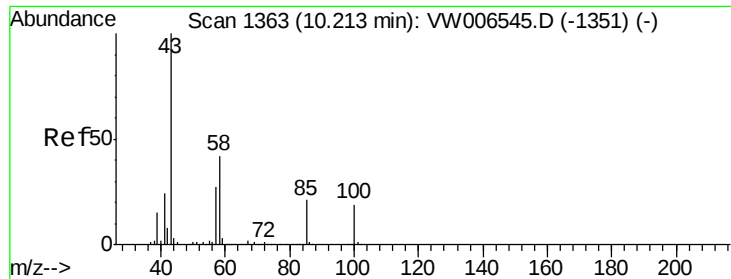
Delta R.T. 0.00 min

Lab File: VW006682.D

Acq: 06 Nov 2018 13:32

Tgt Ion	98	Resp	431645
Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 96.535 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW006682.D

Acq: 06 Nov 2018 13:32

Instrument :

MSVOA_W

ClientSampled :

VW1106SBS01

Tot Ion: 43 Resp: 108691

Ion Ratio Lower Upper

43 100

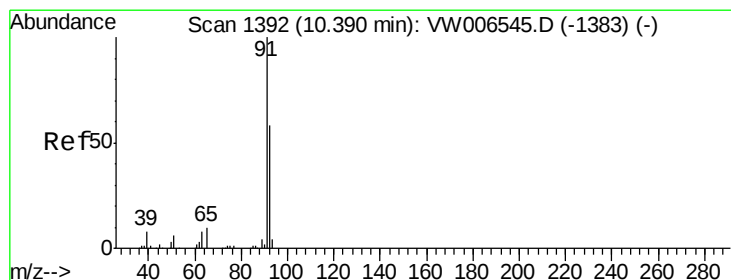
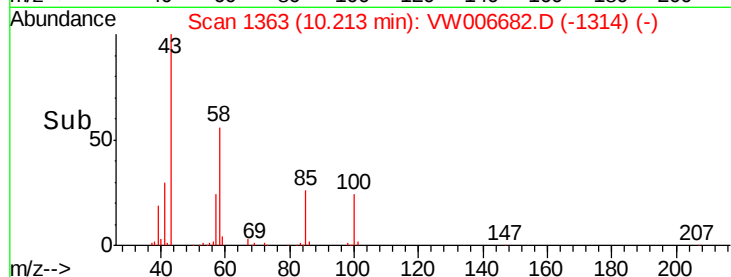
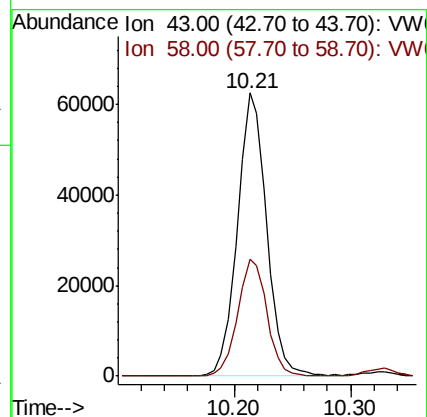
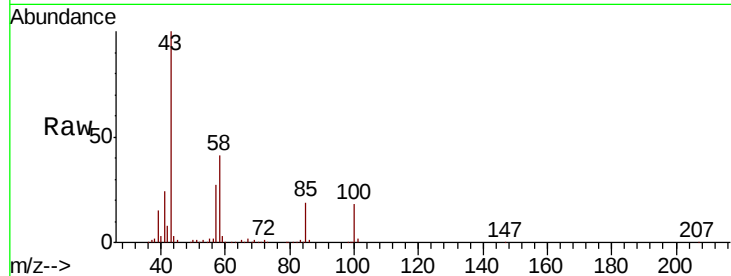
58 41.6 33.4 50.0

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#52

Toluene

Concen: 21.035 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006682.D

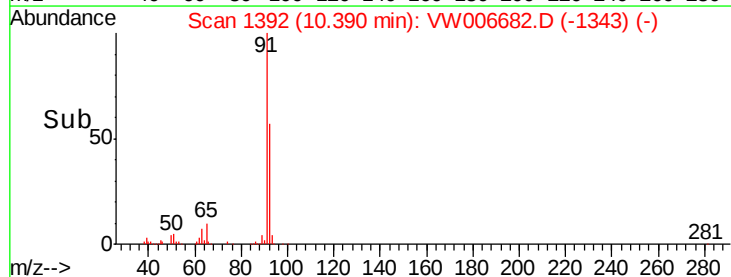
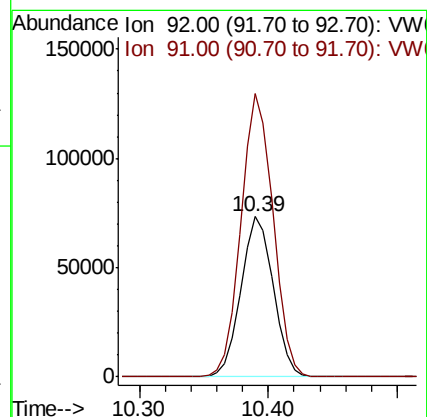
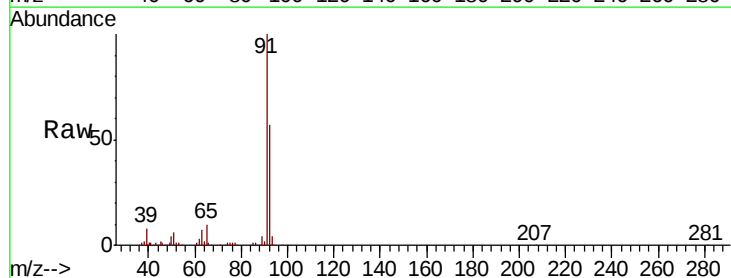
Acq: 06 Nov 2018 13:32

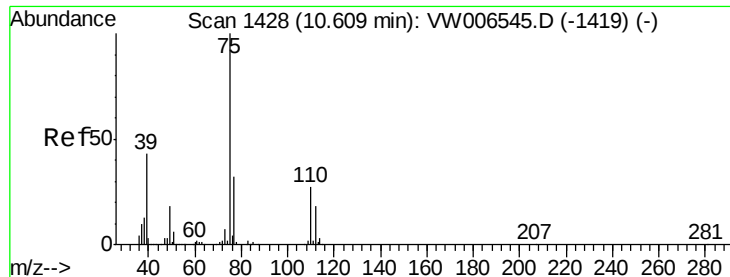
Tgt Ion: 92 Resp: 127046

Ion Ratio Lower Upper

92 100

91 175.6 138.6 208.0





#53

t-1,3-Dichloropropene

Concen: 21.007 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW006682.D

Acq: 06 Nov 2018 13:32

Instrument :

MSVOA_W

ClientSampleId :

VW1106SBS01

Tot Ion: 75 Resp: 57827

Ion Ratio Lower Upper

75 100

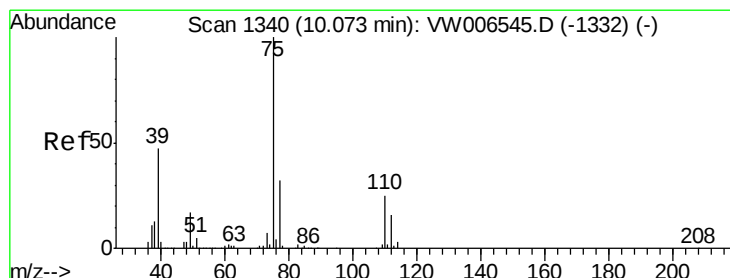
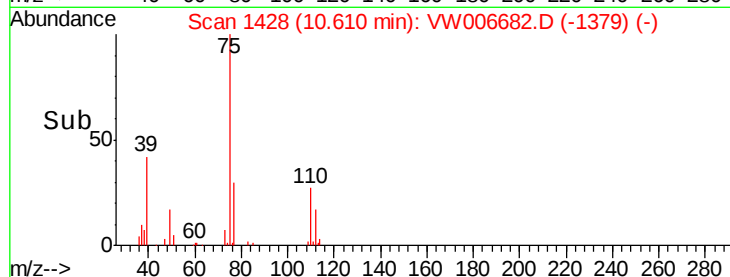
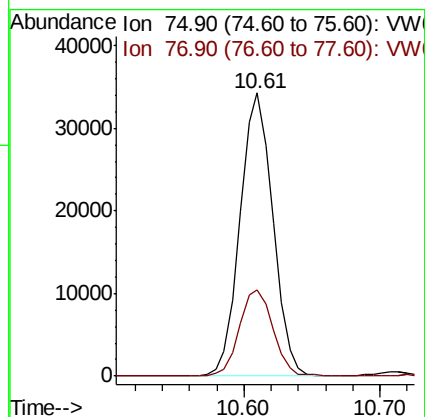
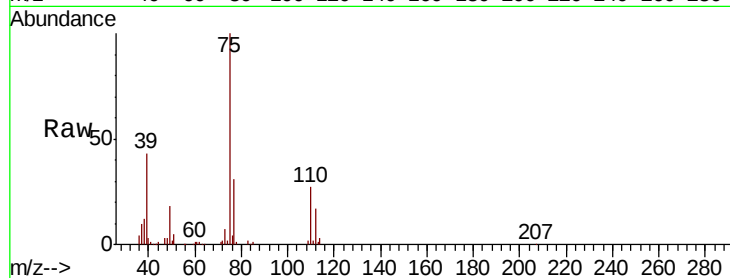
77 30.4 25.6 38.4

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#54

cis-1,3-Dichloropropene

Concen: 20.703 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. 0.01 min

Lab File: VW006682.D

Acq: 06 Nov 2018 13:32

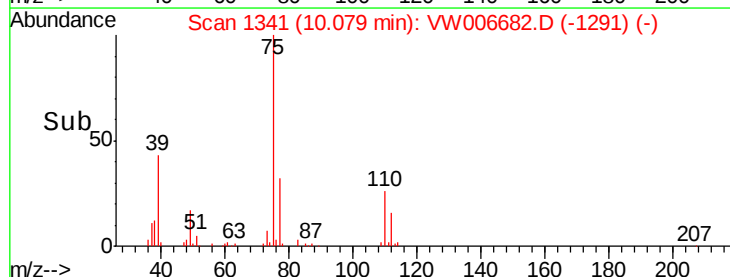
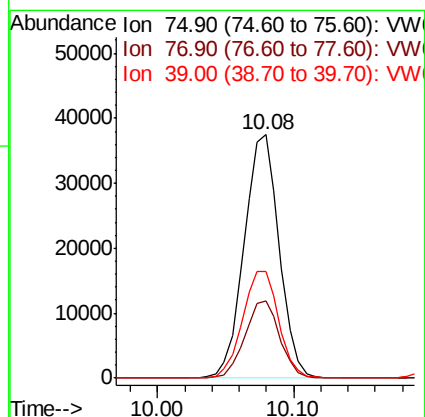
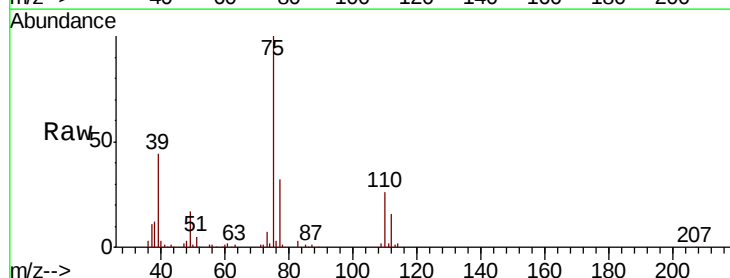
Tgt Ion: 75 Resp: 67346

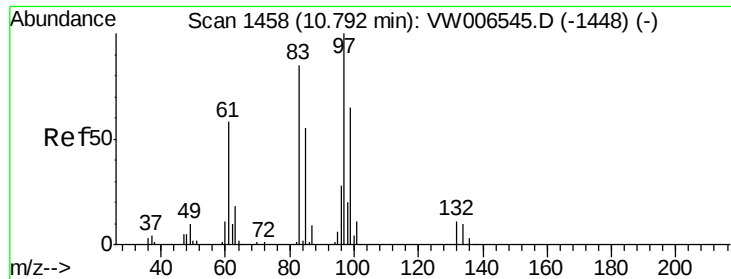
Ion Ratio Lower Upper

75 100

77 31.8 25.7 38.5

39 43.9 37.3 55.9





#55

1,1,2-Trichloroethane

Concen: 20.122 ug/l

RT: 10.79 min Scan# 1458

Delta R.T. 0.00 min

Lab File: VW006682.D

Acq: 06 Nov 2018 13:32

Instrument :

MSVOA_W

ClientSampleId :

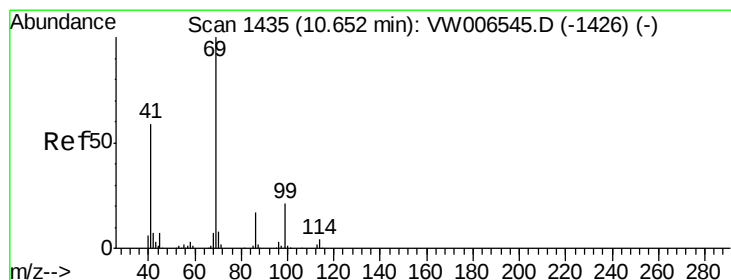
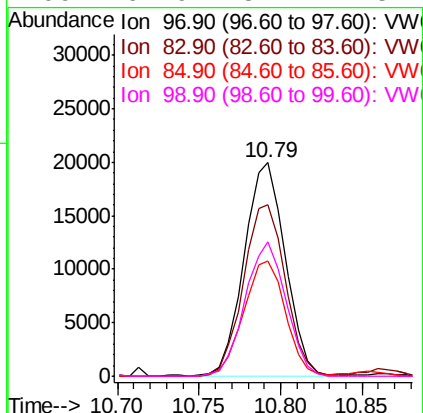
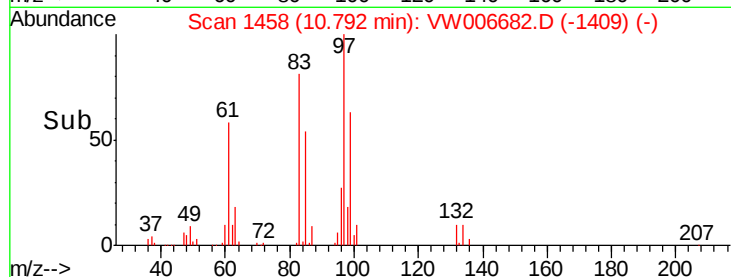
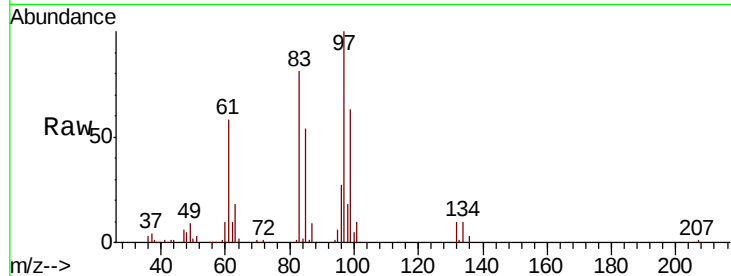
VW1106SBS01

Tot Ion:	97	Resp:	35169
Ion	Ratio	Lower	Upper
97	100		
83	80.5	67.9	101.9
85	53.8	44.0	66.0
99	62.9	52.2	78.2

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#56

Ethyl methacrylate

Concen: 18.997 ug/l

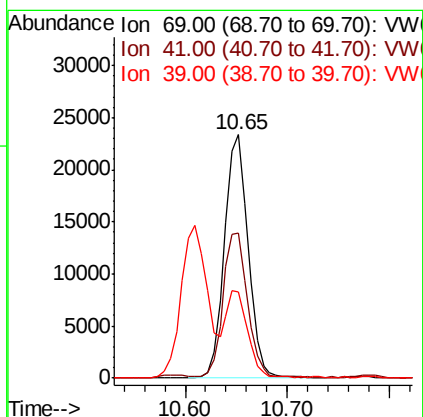
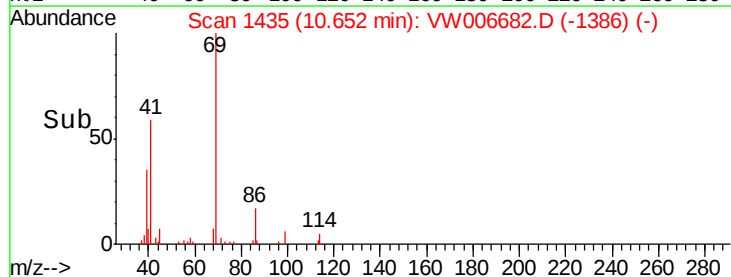
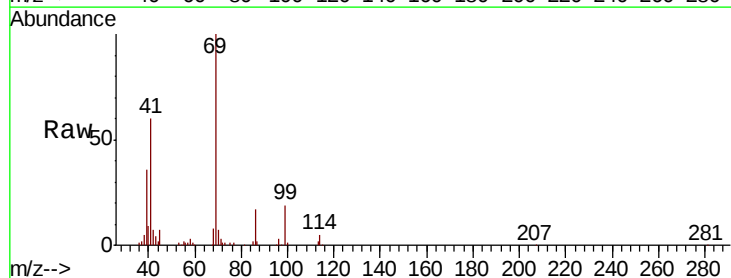
RT: 10.65 min Scan# 1435

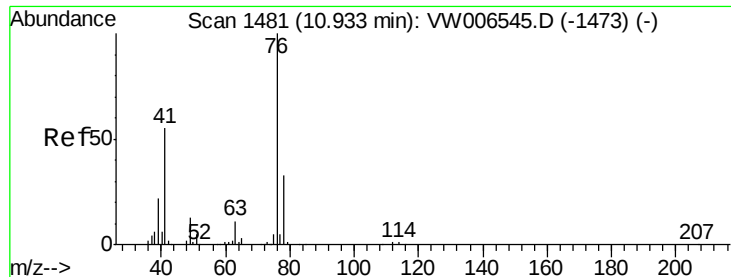
Delta R.T. 0.00 min

Lab File: VW006682.D

Acq: 06 Nov 2018 13:32

Tgt Ion:	69	Resp:	37740
Ion	Ratio	Lower	Upper
69	100		
41	61.6	47.4	71.2
39	32.2	25.3	37.9





#57

1,3-Dichloropropane

Concen: 20.094 ug/l

RT: 10.94 min Scan# 1482

Delta R.T. 0.01 min

Lab File: VW006682.D

Acq: 06 Nov 2018 13:32

Instrument :

MSVOA_W

ClientSampled :

VW1106SBS01

Tot Ion: 76 Resp: 57030

Ion Ratio Lower Upper

76 100

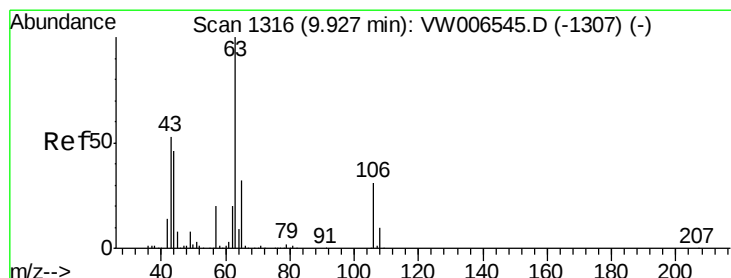
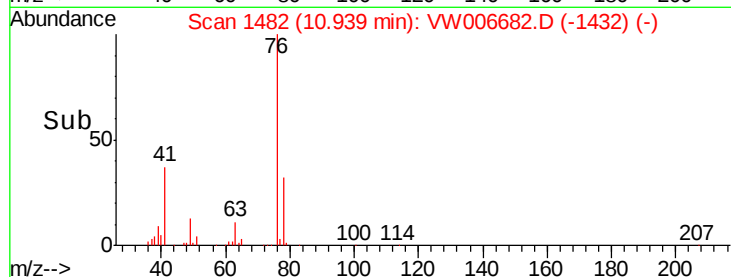
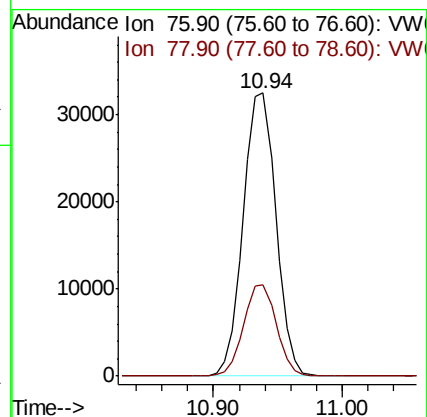
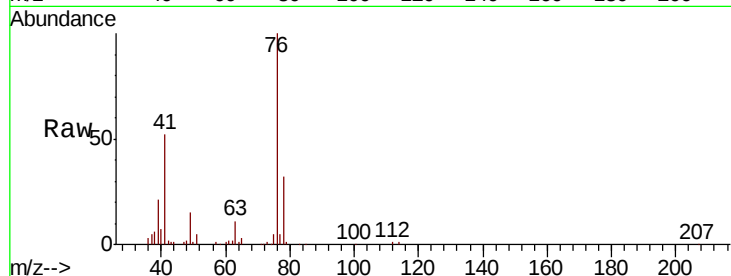
78 32.3 26.2 39.4

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#58

2-Chloroethyl Vinyl ether

Concen: 97.030 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VW006682.D

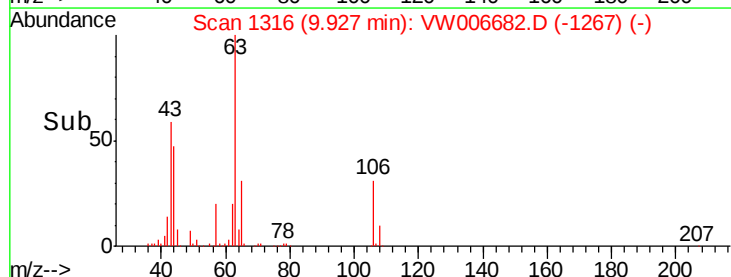
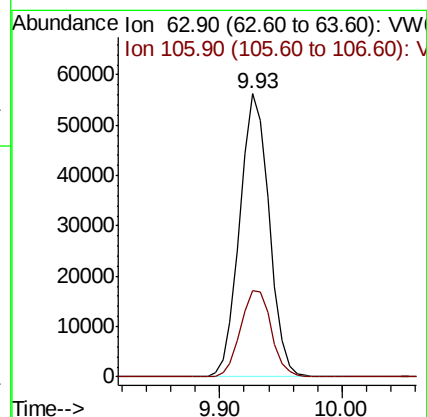
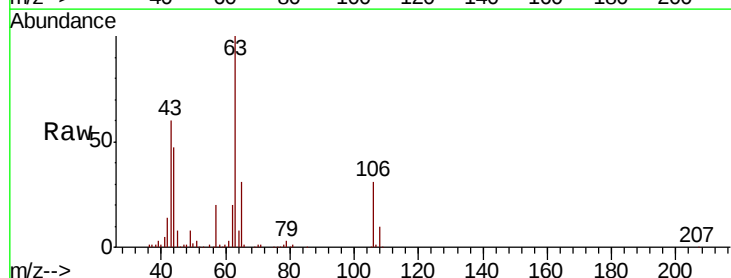
Acq: 06 Nov 2018 13:32

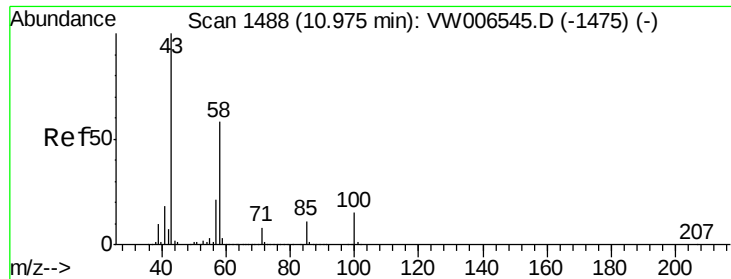
Tgt Ion: 63 Resp: 93701

Ion Ratio Lower Upper

63 100

106 31.9 25.4 38.2





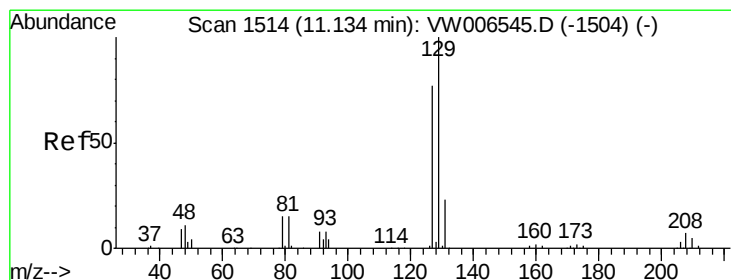
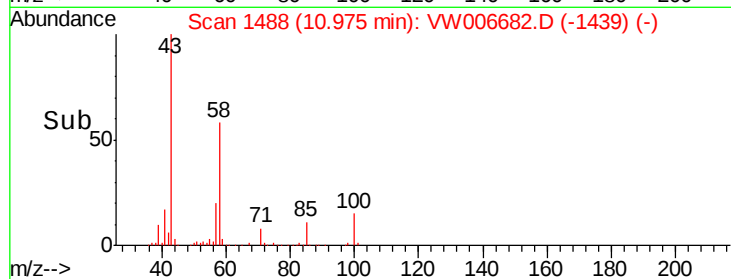
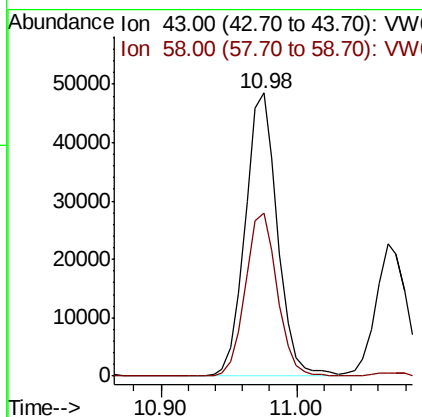
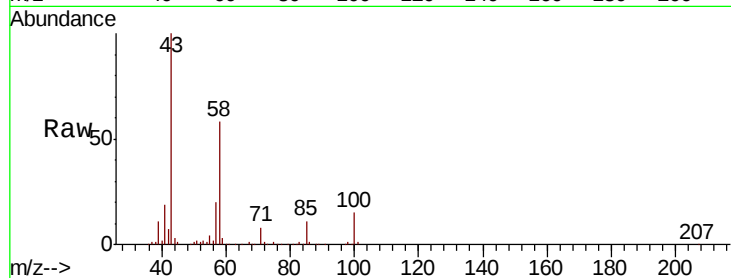
#59
2-Hexanone
Concen: 105.017 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VW006682.D
Acq: 06 Nov 2018 13:32

Instrument :
MSVOA_W
ClientSampleId :
VW1106SBS01

Tot Ion: 43 Resp: 80309
Ion Ratio Lower Upper
43 100
58 57.2 28.8 86.4

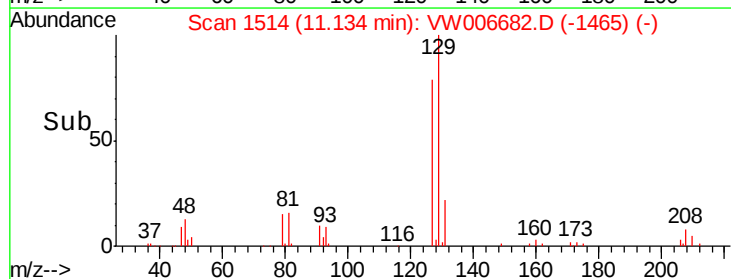
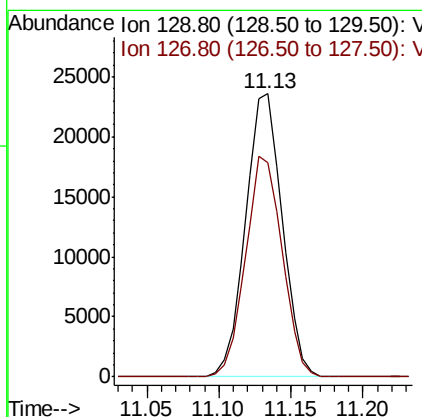
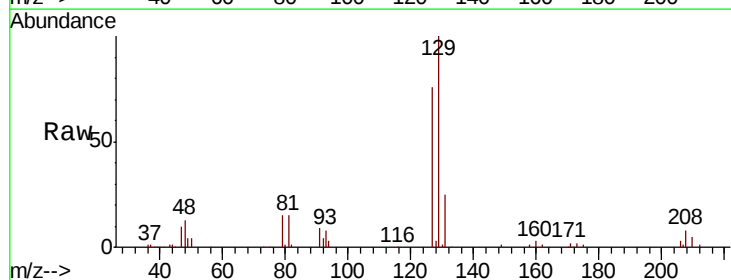
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#60
Dibromochloromethane
Concen: 20.065 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VW006682.D
Acq: 06 Nov 2018 13:32

Tgt Ion: 129 Resp: 41552
Ion Ratio Lower Upper
129 100
127 77.7 38.8 116.3





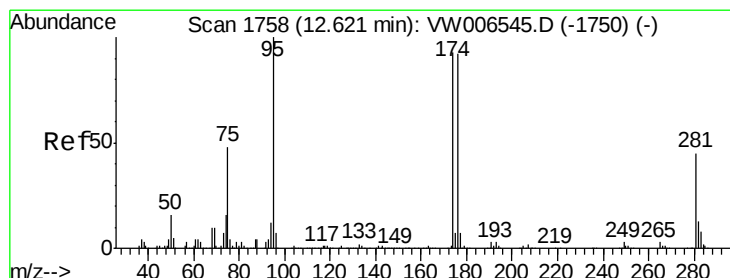
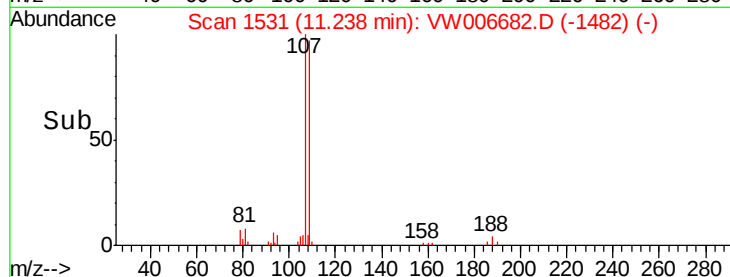
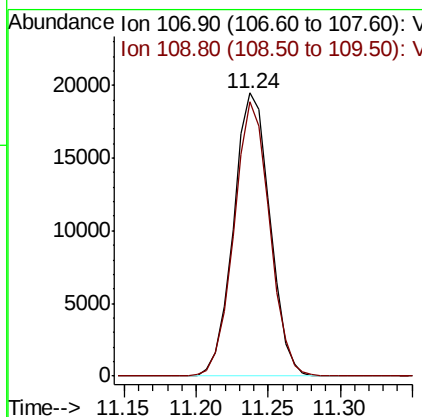
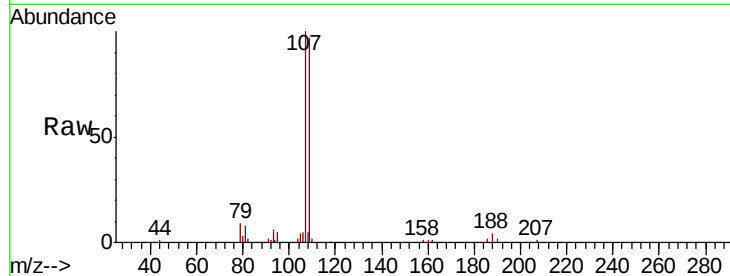
#61
 1,2-Dibromoethane
 Concen: 19.708 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW006682.D
 Acq: 06 Nov 2018 13:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1106SBS01

Tot Ion: 107 Resp: 34207
 Ion Ratio Lower Upper
 107 100
 109 94.8 75.8 113.6

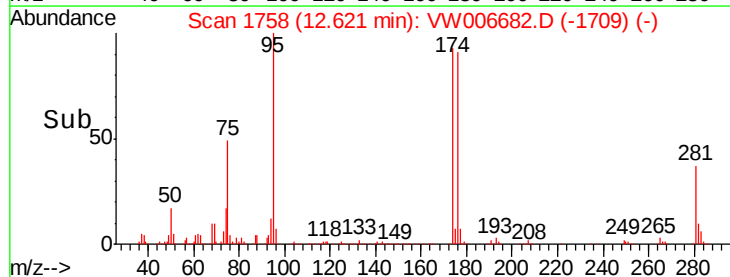
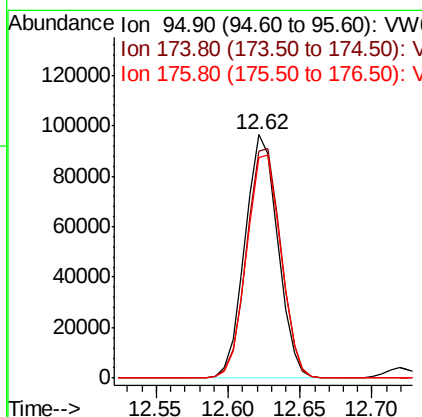
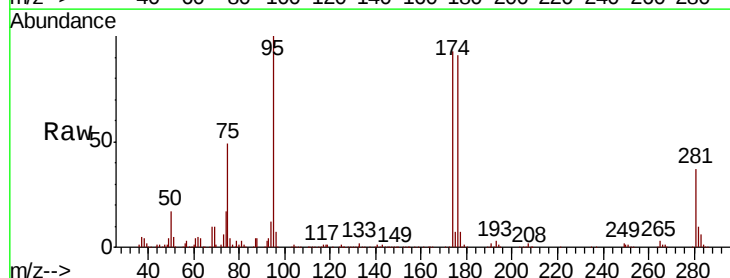
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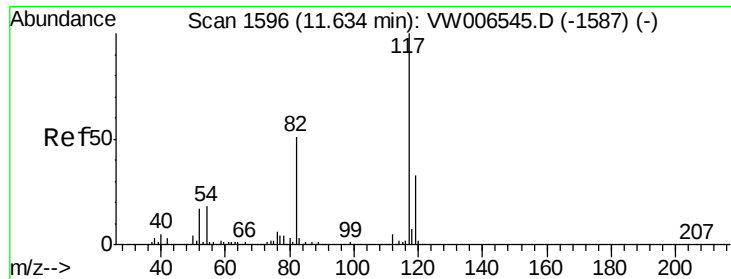
apatel
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#62
 4-Bromofluorobenzene
 Concen: 48.918 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW006682.D
 Acq: 06 Nov 2018 13:32

Tgt Ion: 95 Resp: 152742
 Ion Ratio Lower Upper
 95 100
 174 97.9 0.0 192.4
 176 95.3 0.0 187.4





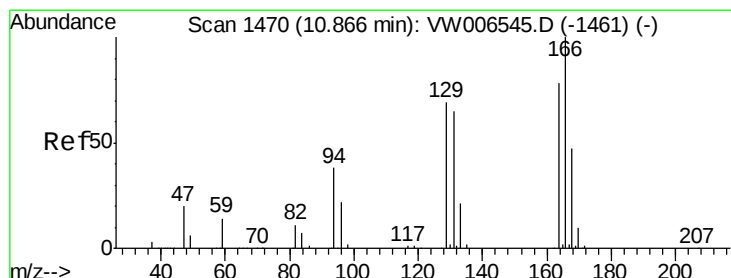
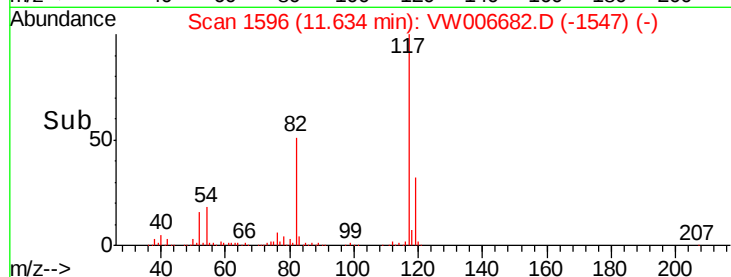
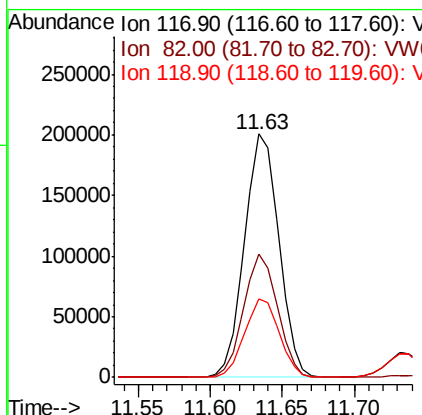
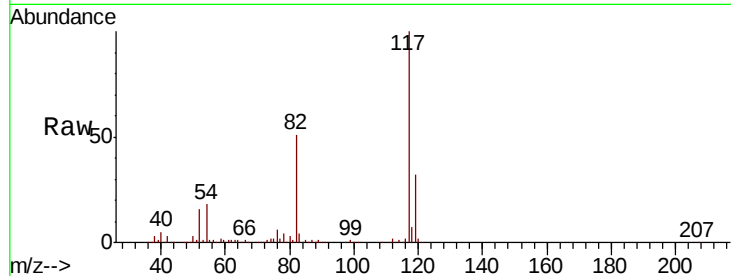
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006682.D
Acq: 06 Nov 2018 13:32

Instrument :
MSVOA_W
ClientSampleId :
VW1106SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.5	40.8	61.2
119	32.3	26.1	39.1

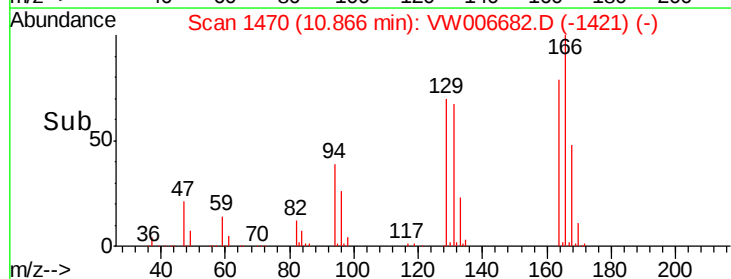
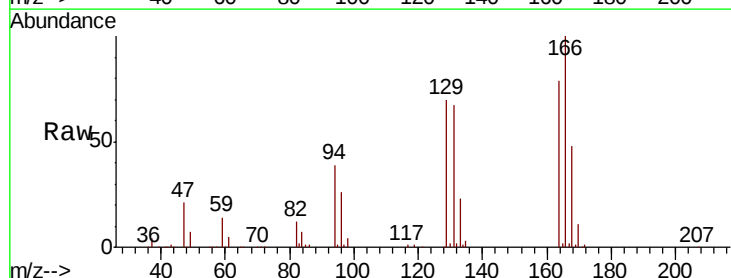
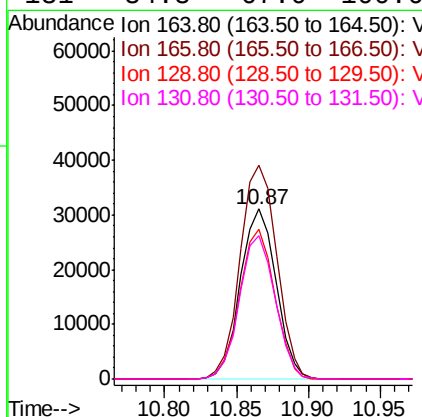
Manual Integrations
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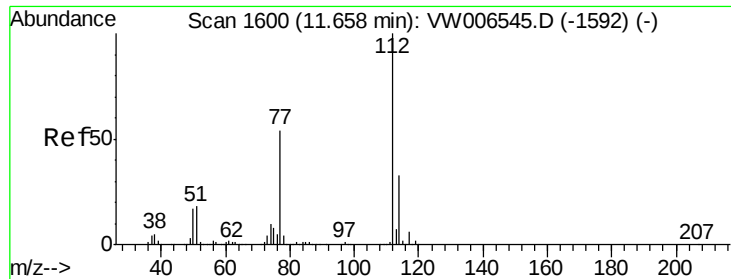
apatel
11/7/2018 2:06:14 PM



#64
Tetrachloroethene
Concen: 20.219 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006682.D
Acq: 06 Nov 2018 13:32

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.8	102.8	154.2
129	88.2	70.9	106.3
131	84.8	67.0	100.6





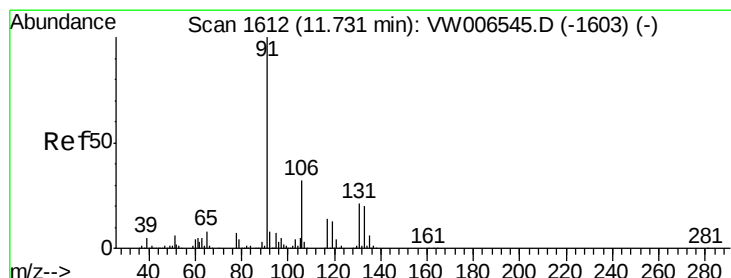
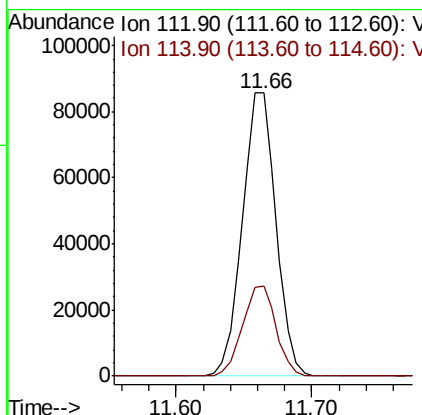
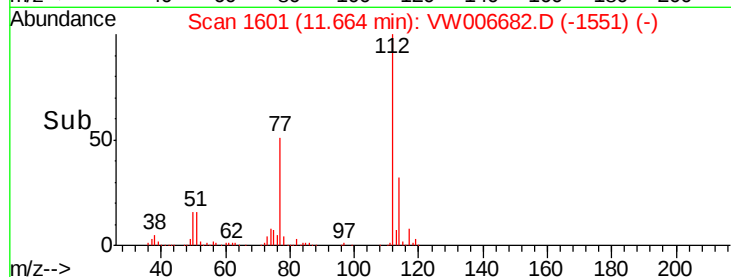
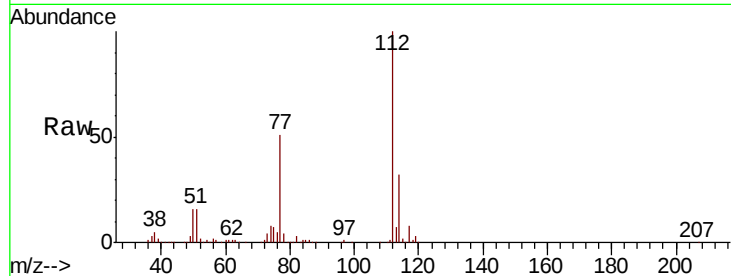
#65
Chlorobenzene
Concen: 21.222 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VW006682.D
Acq: 06 Nov 2018 13:32

Instrument :
MSVOA_W
ClientSampleId :
VW1106SBSD01

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.7	26.2	39.2

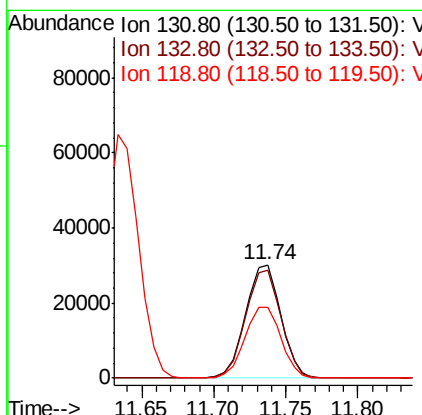
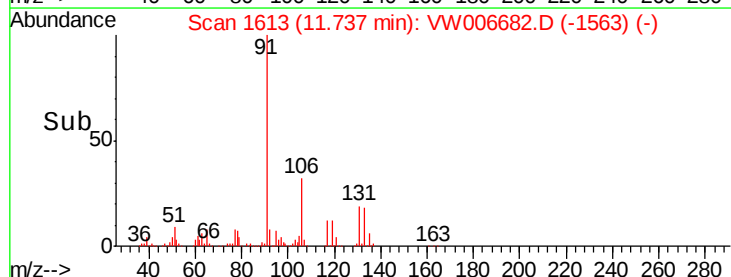
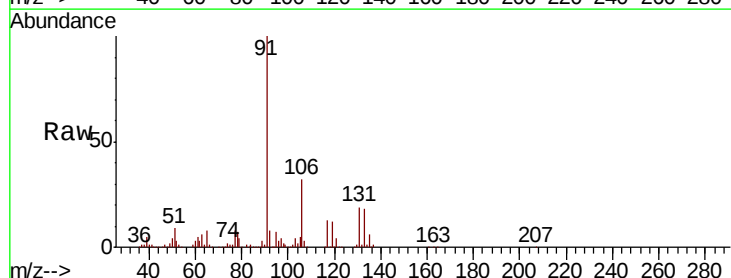
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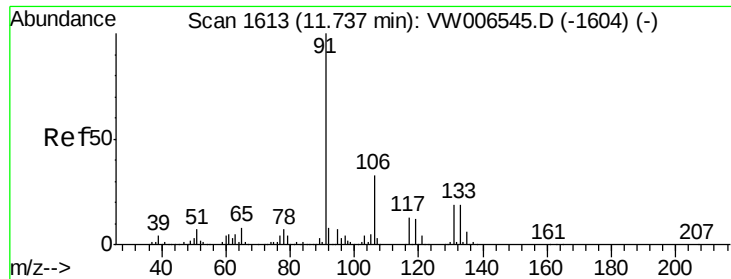
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.752 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.01 min
Lab File: VW006682.D
Acq: 06 Nov 2018 13:32

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.3	47.5	142.5
119	64.6	31.9	95.5





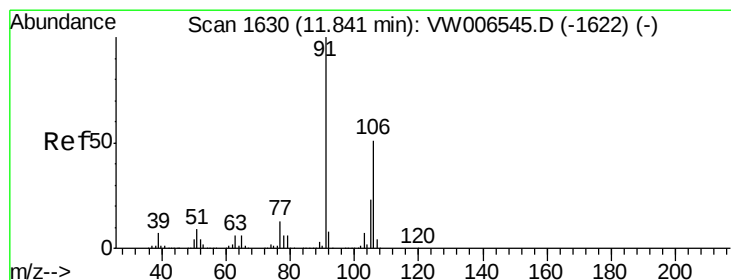
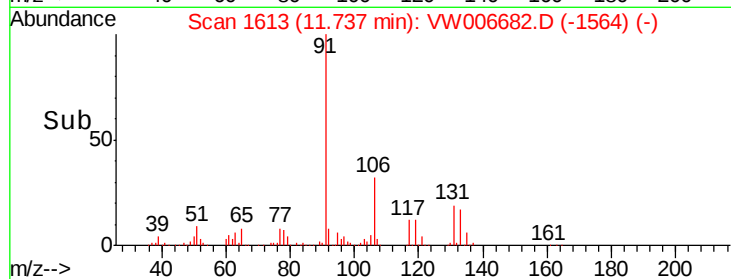
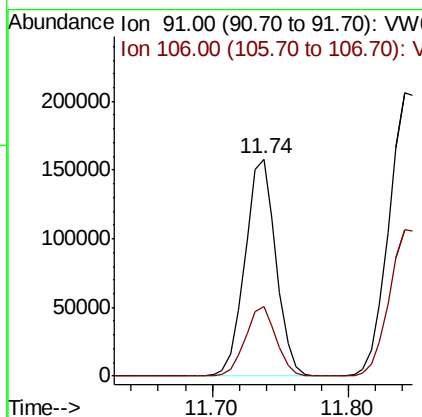
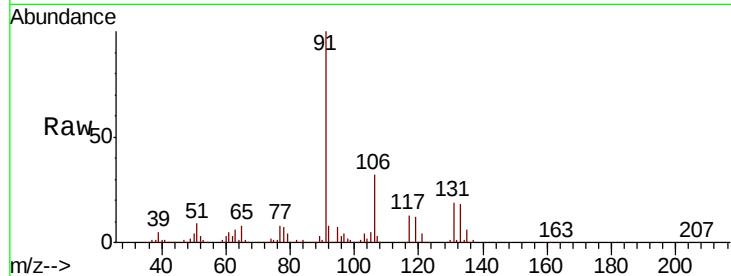
#67
Ethyl Benzene
Concen: 21.483 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW006682.D
Acq: 06 Nov 2018 13:32

Instrument :
MSVOA_W
ClientSampleId :
VW1106SBS01

Tot Ion: 91 Resp: 250650
Ion Ratio Lower Upper
91 100
106 32.0 26.3 39.5

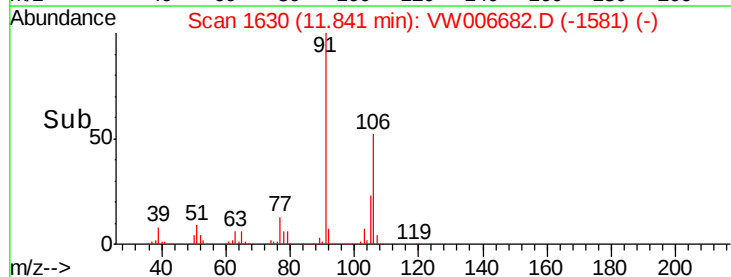
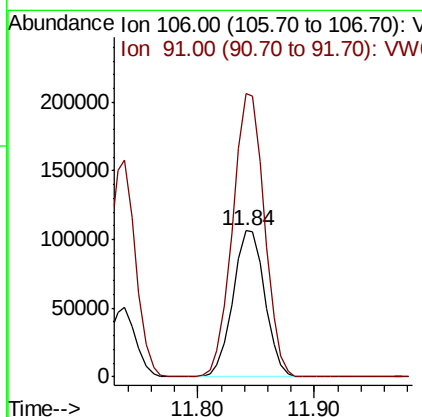
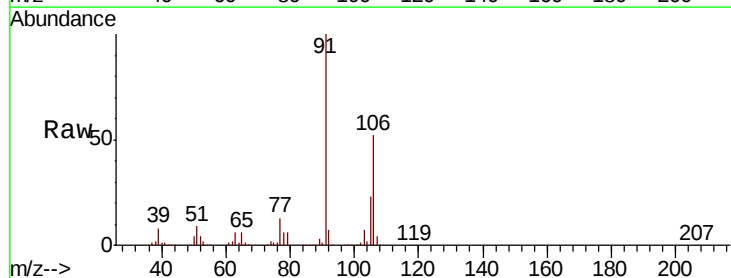
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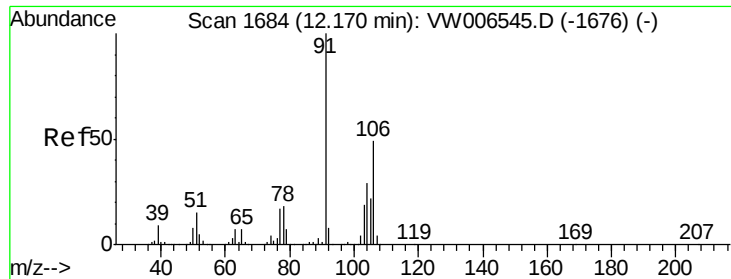
apatel
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#68
m/p-Xylenes
Concen: 43.529 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW006682.D
Acq: 06 Nov 2018 13:32

Tgt Ion: 106 Resp: 202902
Ion Ratio Lower Upper
106 100
91 193.4 156.7 235.1





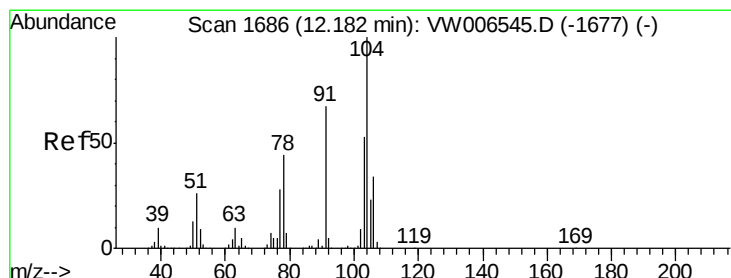
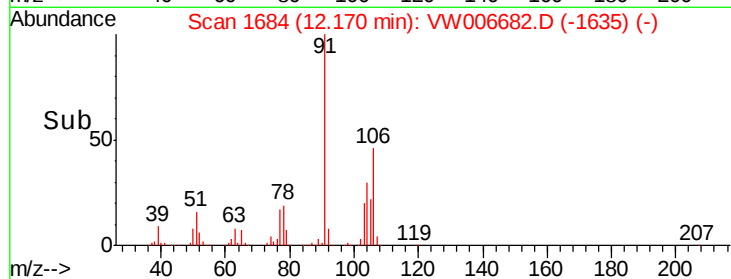
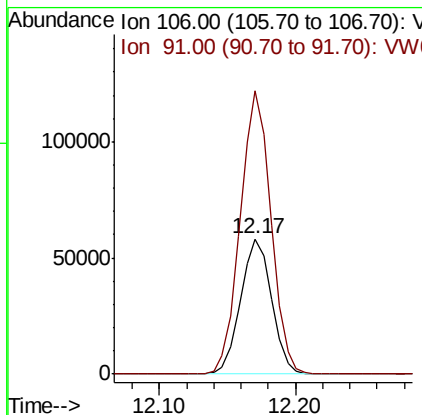
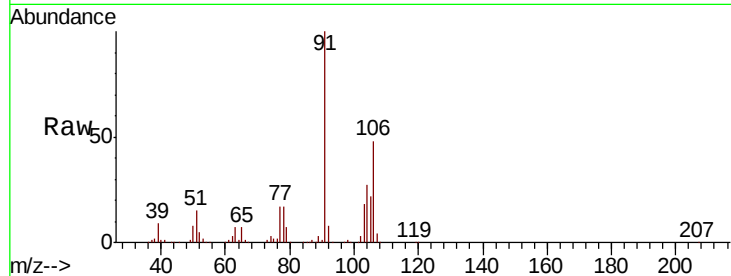
#69
o-Xylene
Concen: 20.872 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006682.D
Acq: 06 Nov 2018 13:32

Instrument :
MSVOA_W
ClientSampleID :
VW1106SBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	207.6	102.8	308.4

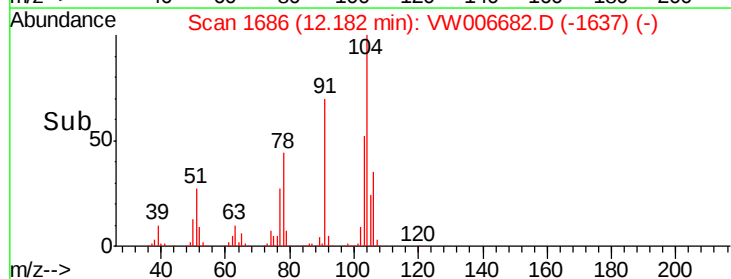
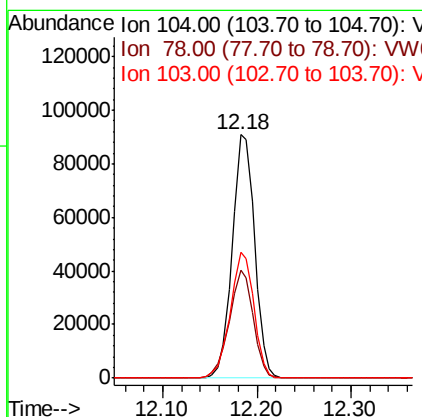
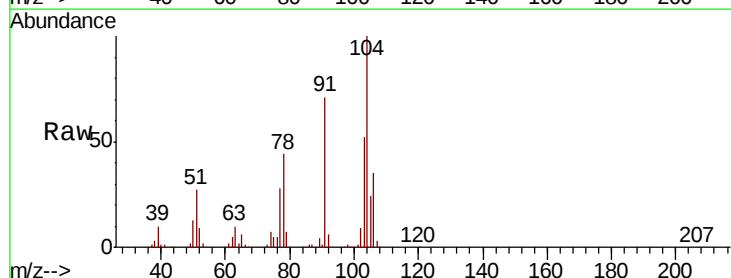
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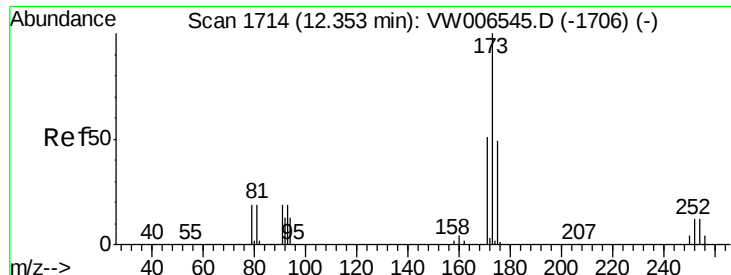
apatel
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#70
Styrene
Concen: 20.767 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW006682.D
Acq: 06 Nov 2018 13:32

Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.0	37.2	55.8
103	54.7	44.2	66.2





#71

Bromoform

Concen: 19.921 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW006682.D

Acq: 06 Nov 2018 13:32

Instrument :

MSVOA_W

ClientSampleId :

VW1106SBS01

Tot Ion:173 Resp: 25908

Ion Ratio Lower Upper

173 100

175 48.3 24.1 72.4

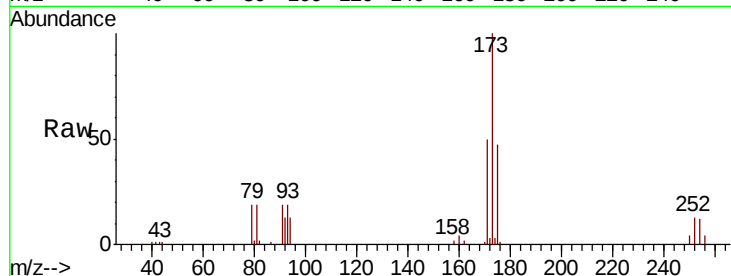
254 0.0 0.1 0.1#

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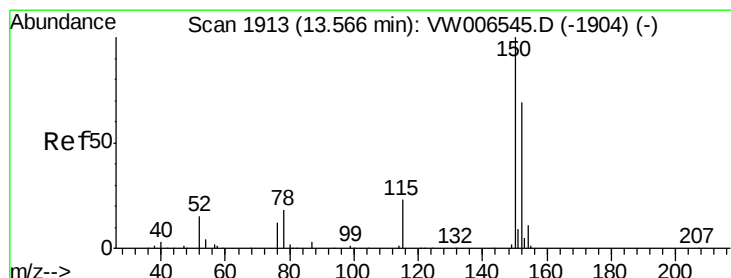
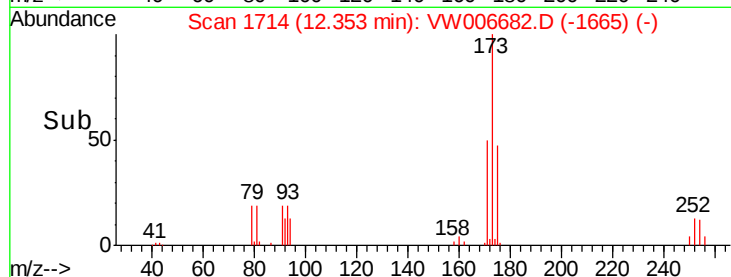
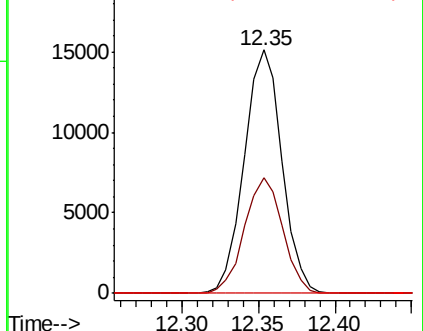
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006682.D

Acq: 06 Nov 2018 13:32

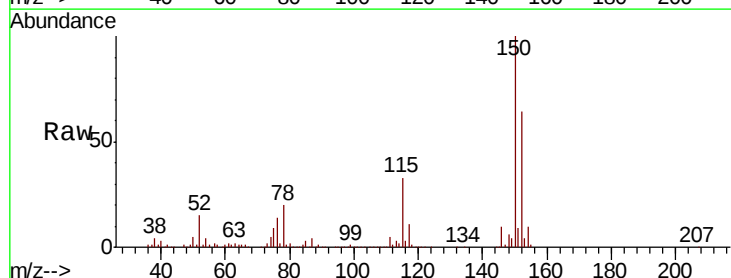
Tgt Ion:152 Resp: 189263

Ion Ratio Lower Upper

152 100

115 53.2 26.6 79.8

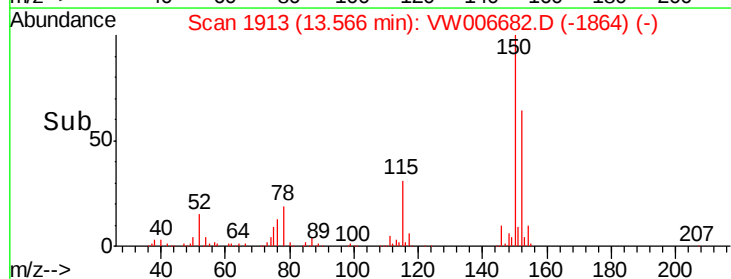
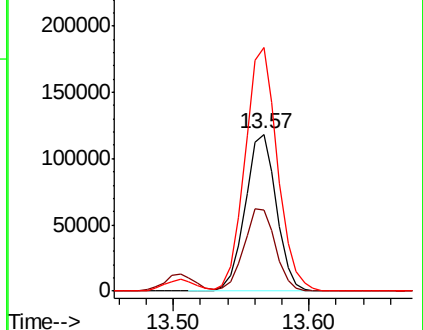
150 161.8 0.0 344.6

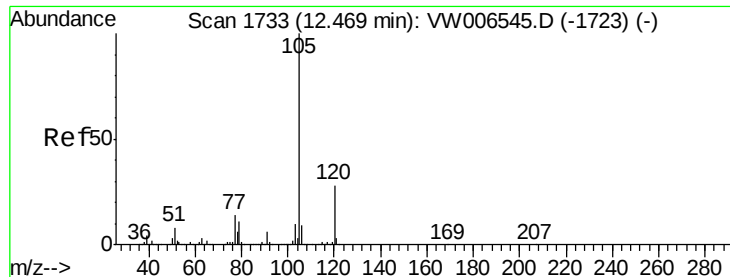


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.963 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW006682.D

Acq: 06 Nov 2018 13:32

Instrument :

MSVOA_W

ClientSampleId :

VW1106SBS01

Tot Ion: 105 Resp: 261355

Ion Ratio Lower Upper

105 100

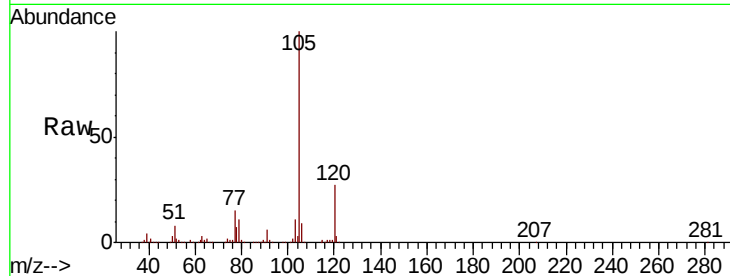
120 27.3 13.7 41.1

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

150000

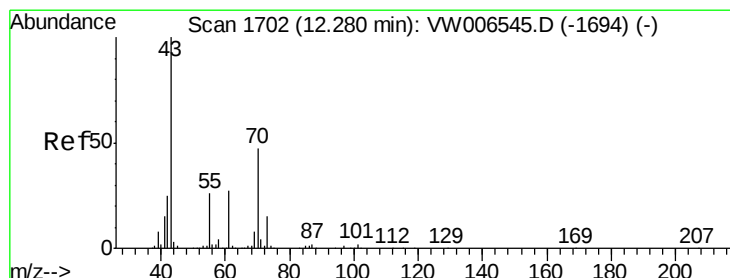
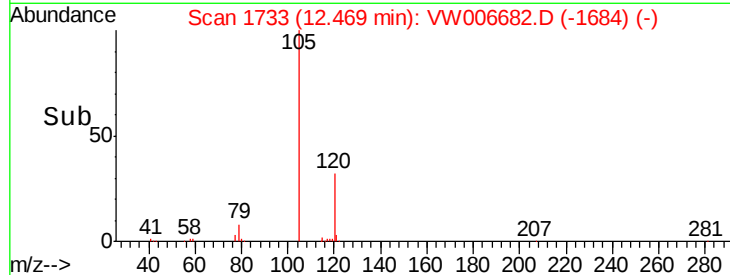
100000

50000

0

12.40 12.50

Time-->



#74

N-ethyl acetate

Concen: 18.691 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VW006682.D

Acq: 06 Nov 2018 13:32

Tgt Ion: 43 Resp: 40268

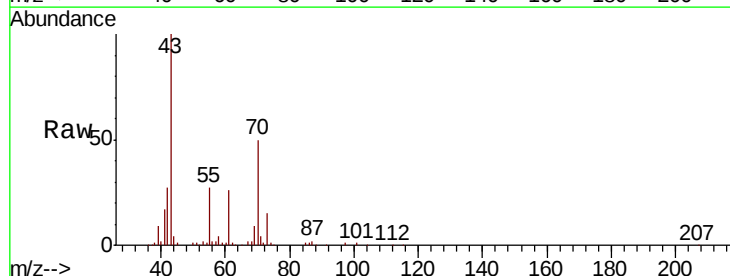
Ion Ratio Lower Upper

43 100

70 46.8 36.9 55.3

55 28.0 20.7 31.1

61 25.3 20.7 31.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

40000

30000

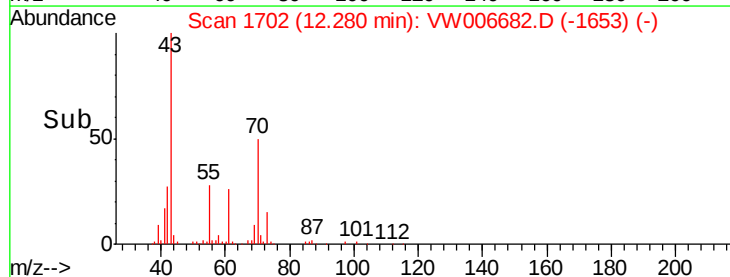
20000

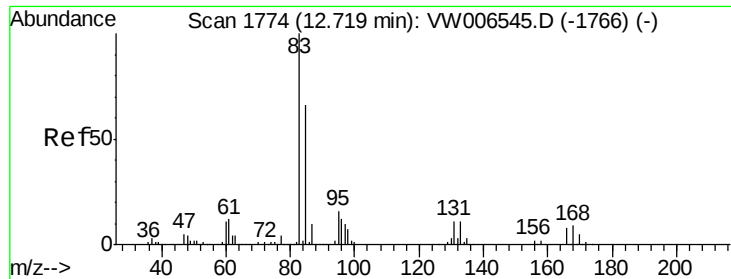
10000

0

12.20 12.30

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.841 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW006682.D

Acq: 06 Nov 2018 13:32

Instrument :

MSVOA_W

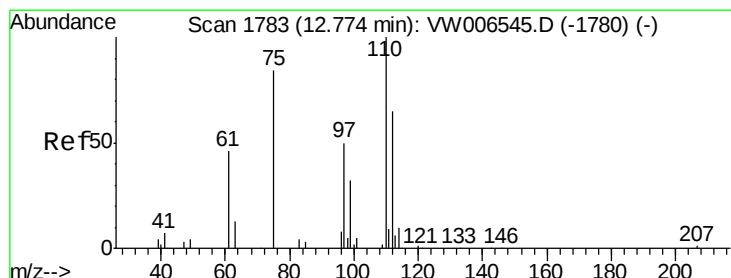
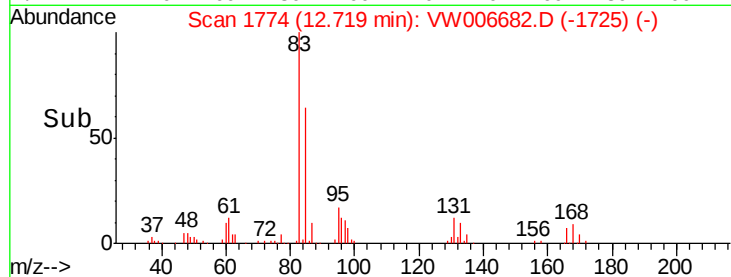
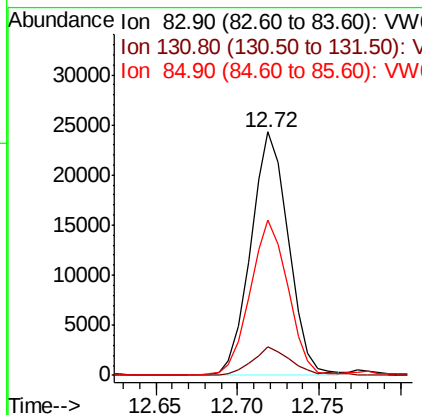
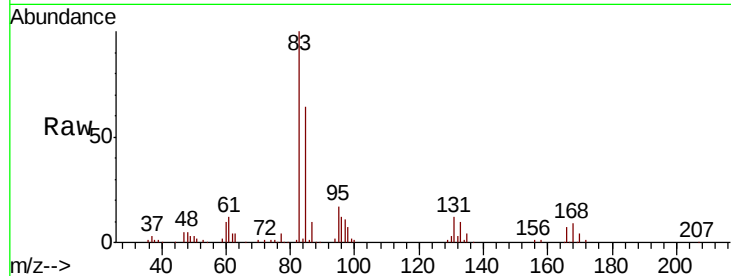
ClientSampleId :

VW1106SBS01

Tot Ion:	83	Resp:	39071
Ion Ratio	Lower	Upper	
83	100		
131	12.1	5.9	17.7
85	64.0	32.3	96.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 16.861 ug/l m

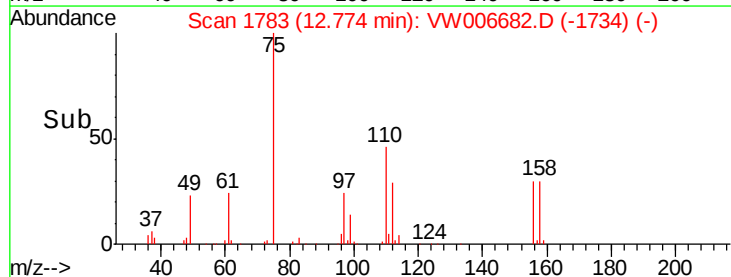
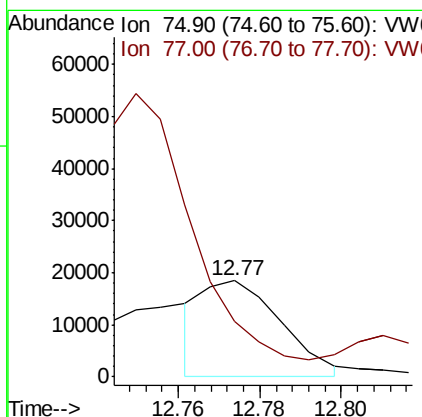
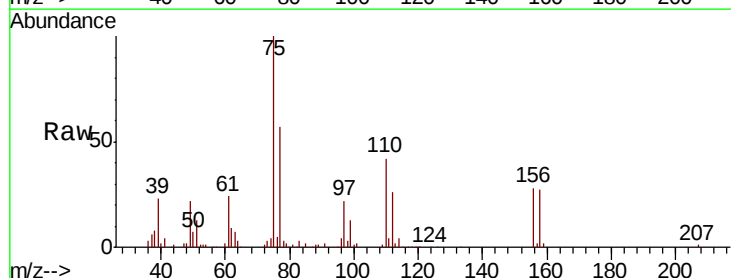
RT: 12.77 min Scan# 1783

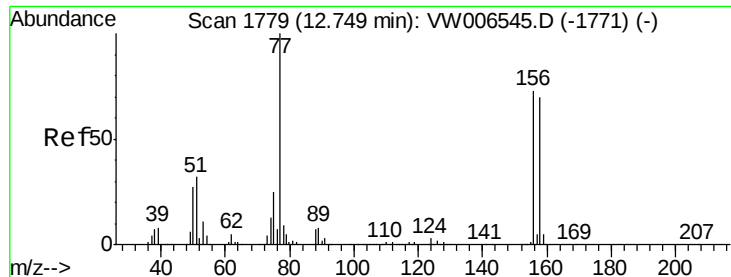
Delta R.T. 0.00 min

Lab File: VW006682.D

Acq: 06 Nov 2018 13:32

Tgt Ion:	75	Resp:	24898
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.640 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW006682.D

Acq: 06 Nov 2018 13:32

Instrument :

MSVOA_W

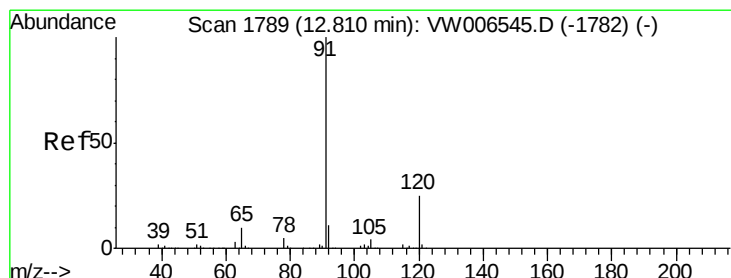
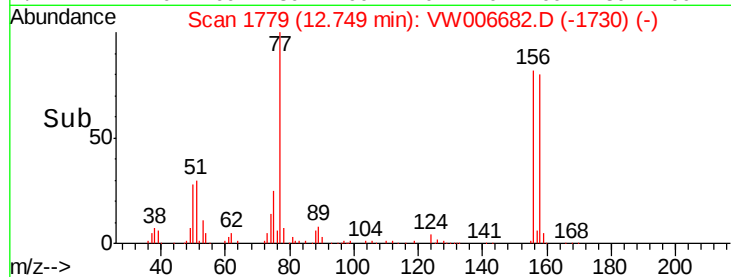
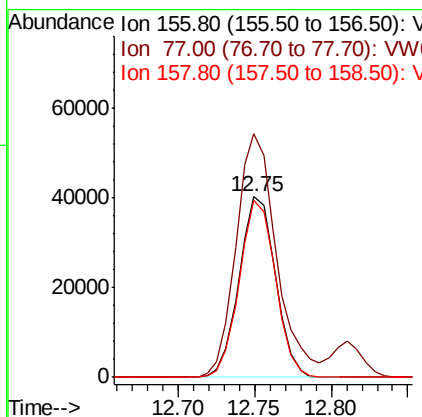
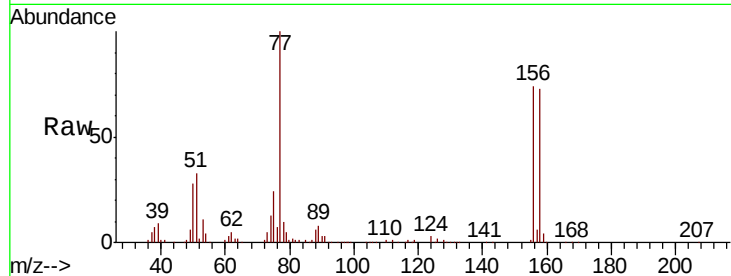
ClientSampleId :

VW1106SBS01

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	149.8	75.9	227.8	
158	97.3	48.6	145.9	

Manual Integrations
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#78

n-propylbenzene

Concen: 21.751 ug/l

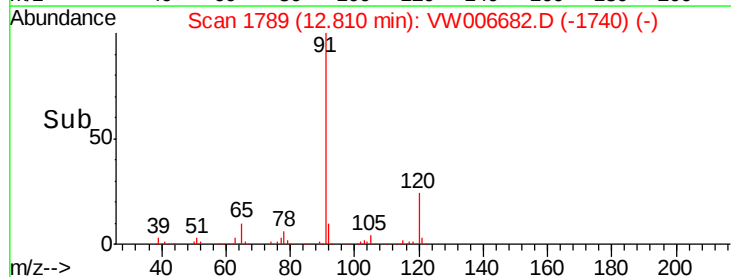
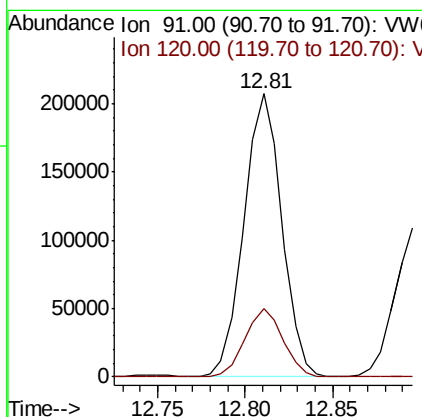
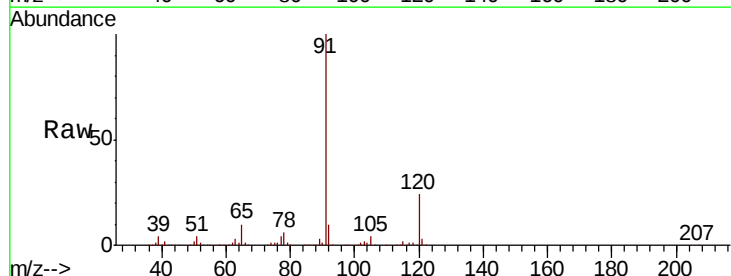
RT: 12.81 min Scan# 1789

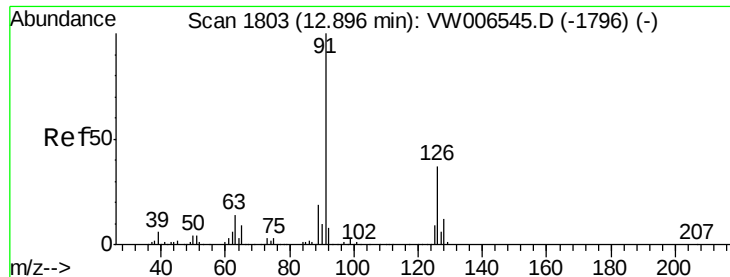
Delta R.T. 0.00 min

Lab File: VW006682.D

Acq: 06 Nov 2018 13:32

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	24.2	12.4	37.0	





#79

2-Chlorotoluene

Concen: 21.109 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW006682.D

Acq: 06 Nov 2018 13:32

Instrument :

MSVOA_W

ClientSampled :

VW1106SBS01

Tot Ion: 91 Resp: 173730

Ion Ratio Lower Upper

91 100

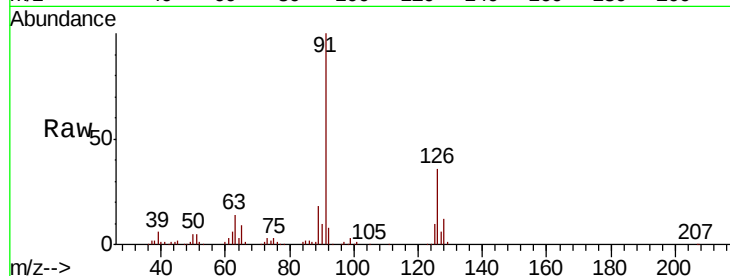
126 36.3 18.5 55.5

Manual Integrations

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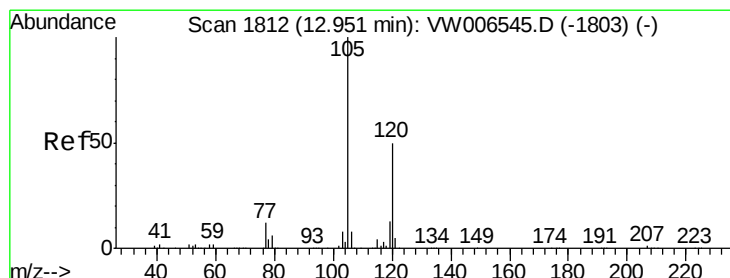
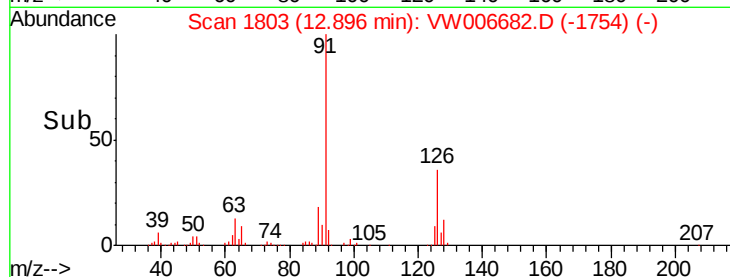
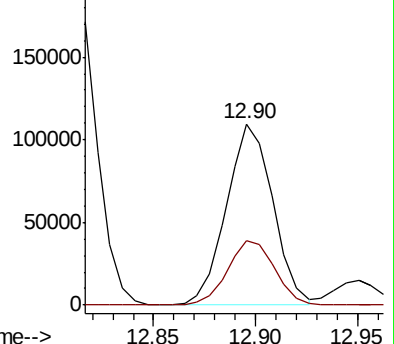
apatel

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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: 21.218 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW006682.D

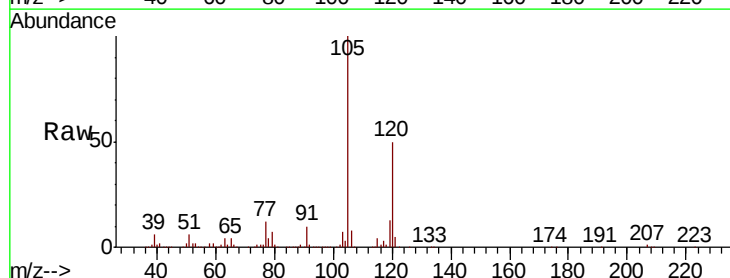
Acq: 06 Nov 2018 13:32

Tgt Ion: 105 Resp: 222245

Ion Ratio Lower Upper

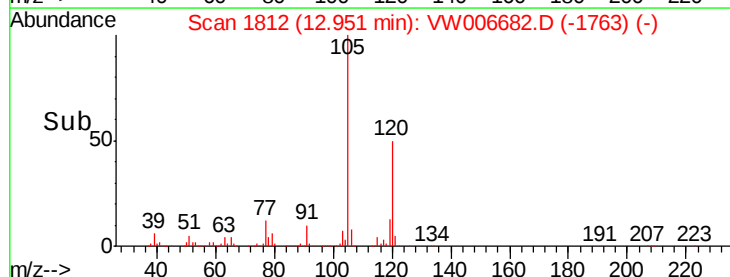
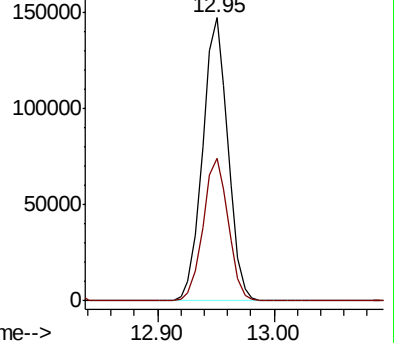
105 100

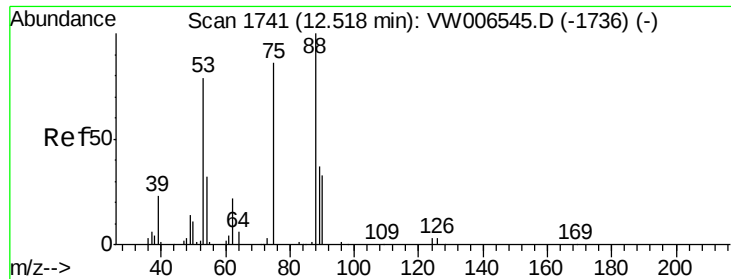
120 50.1 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





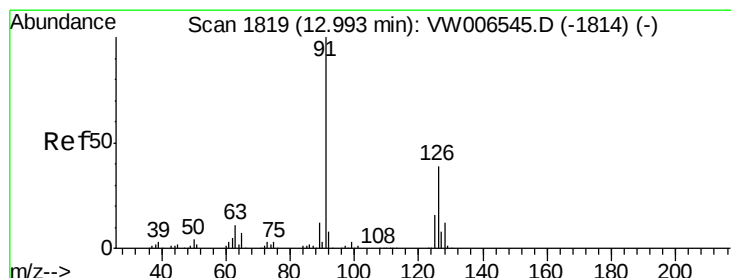
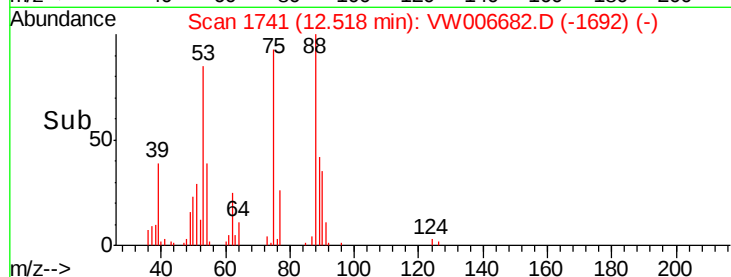
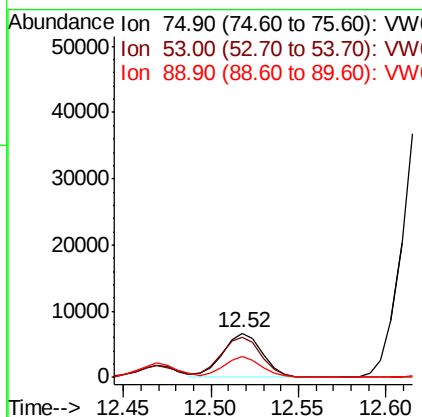
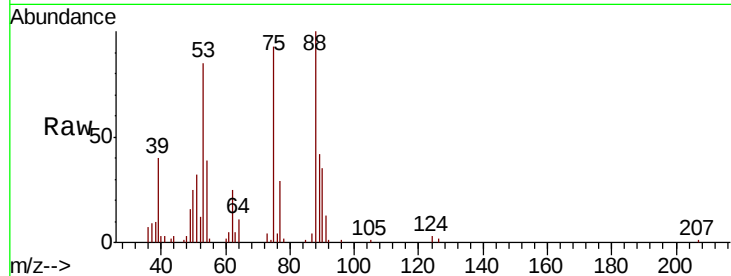
#81
trans-1,4-Dichloro-2-butene
Concen: 20.097 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW006682.D
Acq: 06 Nov 2018 13:32

Instrument :
MSVOA_W
ClientSampleId :
VW1106SBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	94.2	77.2	115.8
89	44.0	38.6	58.0

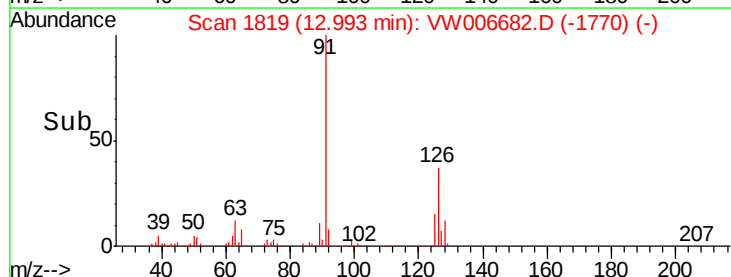
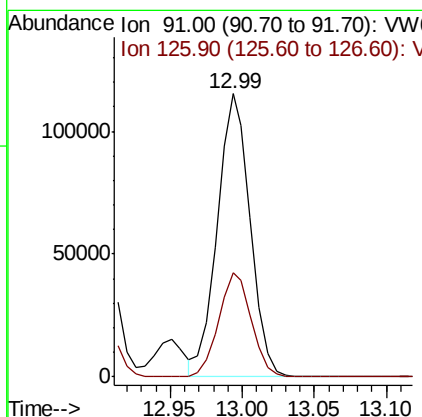
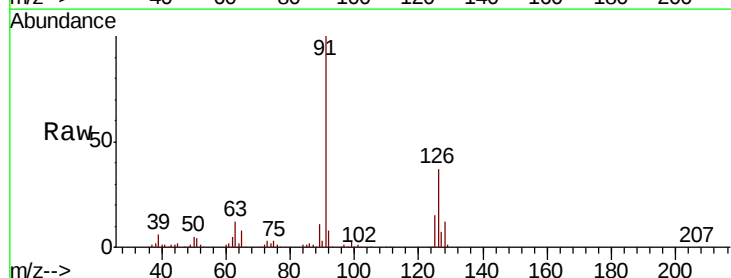
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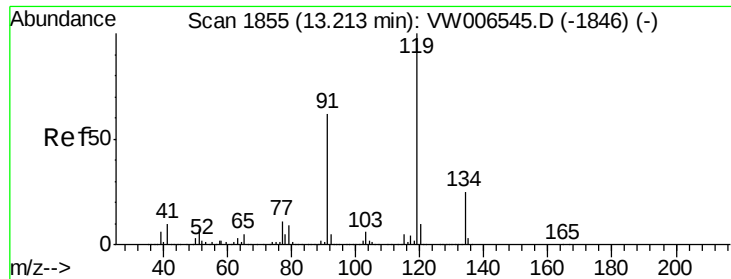
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#82
4-Chlorotoluene
Concen: 21.056 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW006682.D
Acq: 06 Nov 2018 13:32

Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.6	18.5	55.5





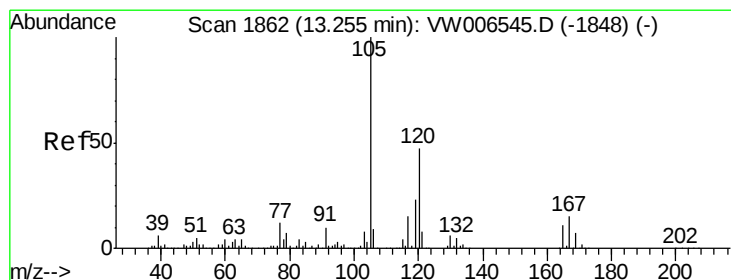
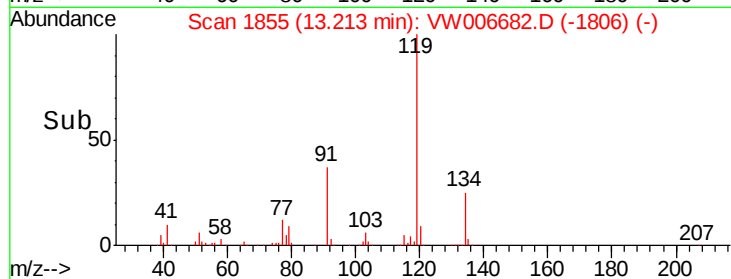
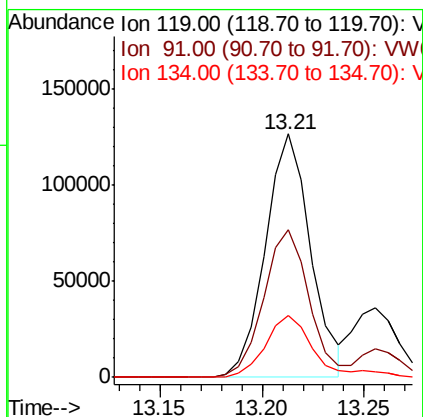
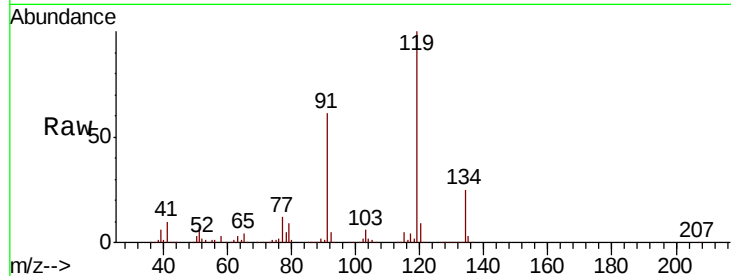
#83
tert-Butylbenzene
Concen: 20.999 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VW006682.D
Acq: 06 Nov 2018 13:32

Instrument :
MSVOA_W
ClientSampleId :
VW1106SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	196150		
91	60.5	30.4	91.3	
134	27.4	13.5	40.4	

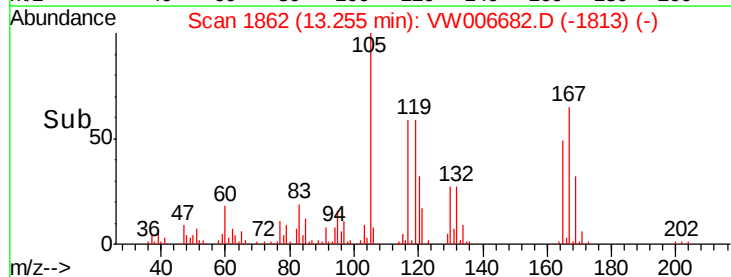
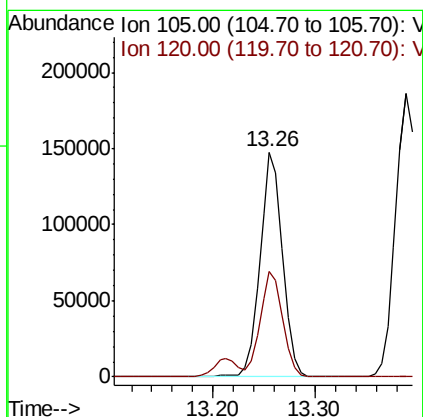
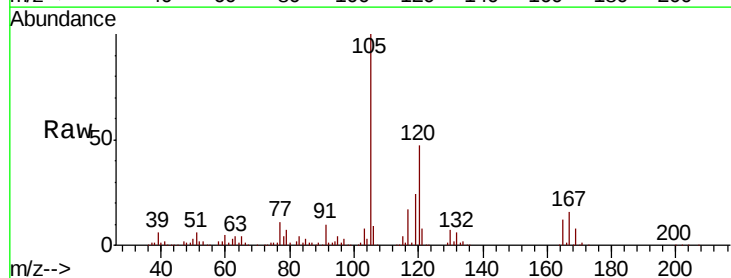
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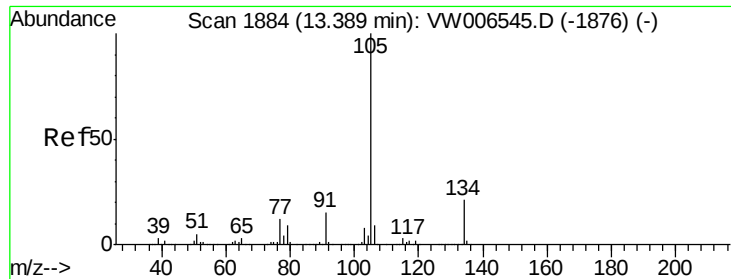
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#84
1,2,4-Trimethylbenzene
Concen: 21.033 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW006682.D
Acq: 06 Nov 2018 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	225977		
120	46.9	23.2	69.6	





#85

sec-Butylbenzene

Concen: 21.738 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW006682.D

Acq: 06 Nov 2018 13:32

Instrument :

MSVOA_W

ClientSampleId :

VW1106SBS01

Tot Ion:105 Resp: 284384

Ion Ratio Lower Upper

105 100

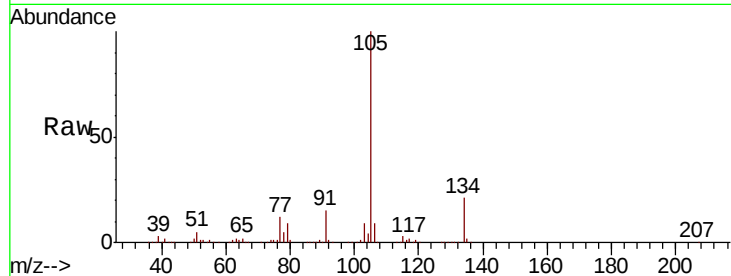
134 21.3 10.6 31.8

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.39

200000

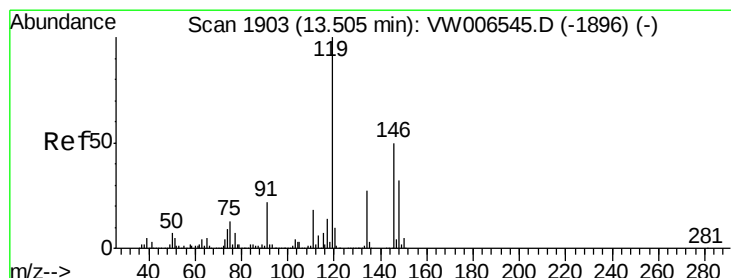
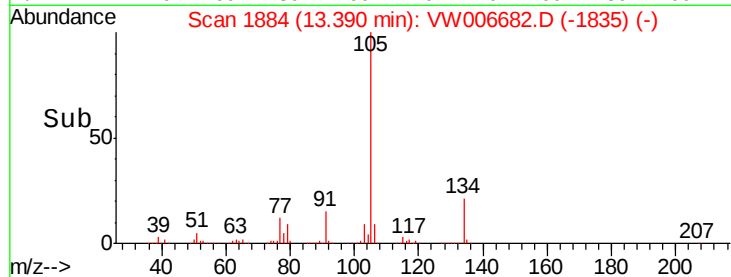
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 21.604 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW006682.D

Acq: 06 Nov 2018 13:32

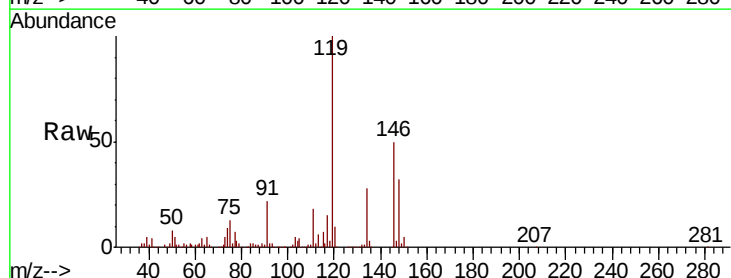
Tgt Ion:119 Resp: 257171

Ion Ratio Lower Upper

119 100

134 27.2 13.6 40.7

91 22.0 10.9 32.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.51

200000

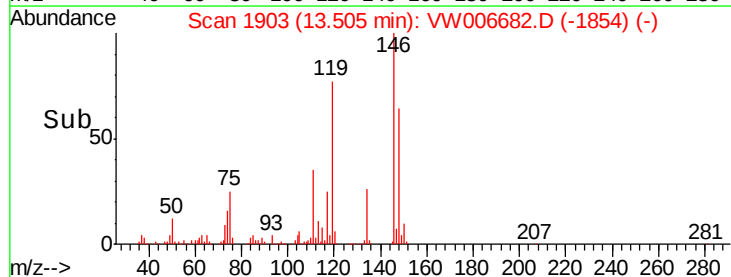
150000

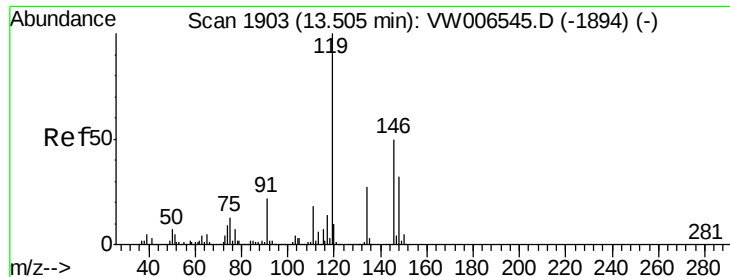
100000

50000

0

Time-->





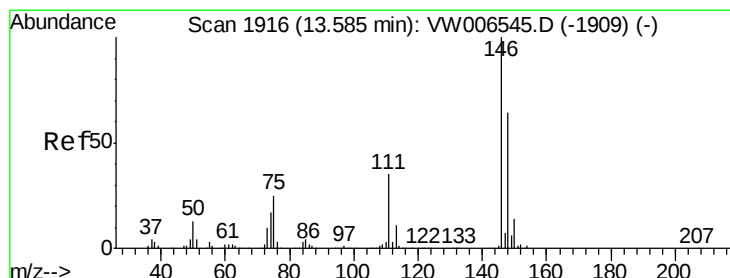
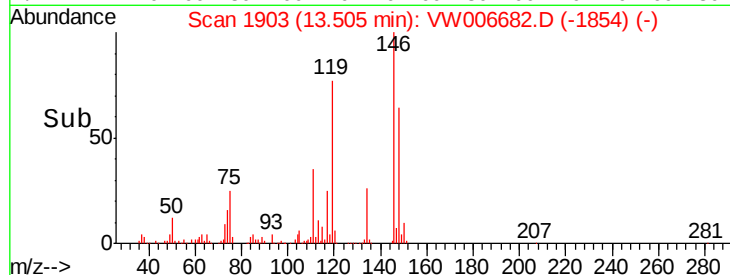
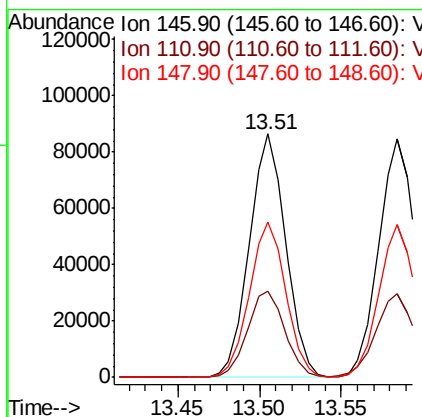
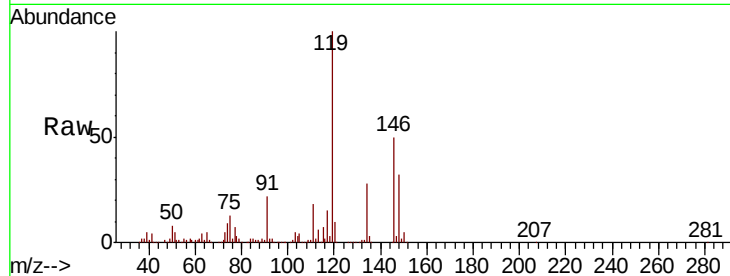
#87
 1,3-Dichlorobenzene
 Concen: 21.121 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006682.D
 Acq: 06 Nov 2018 13:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1106SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.4	18.6	55.6
148	63.9	32.1	96.3

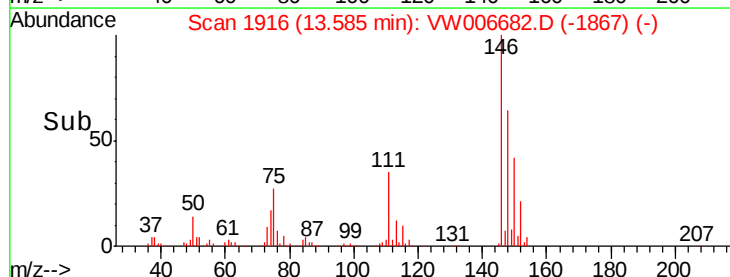
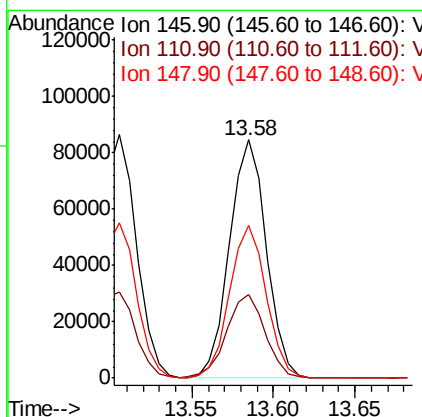
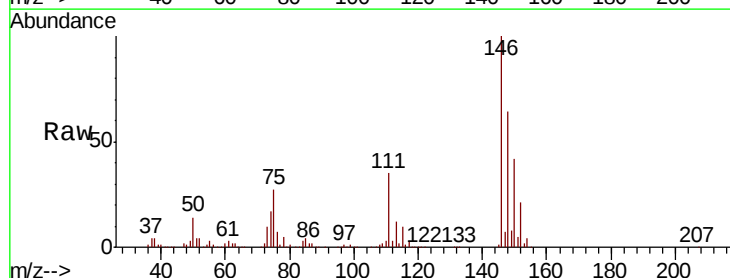
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#88
 1,4-Dichlorobenzene
 Concen: 21.085 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW006682.D
 Acq: 06 Nov 2018 13:32

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.8	17.9	53.7
148	64.0	32.1	96.5





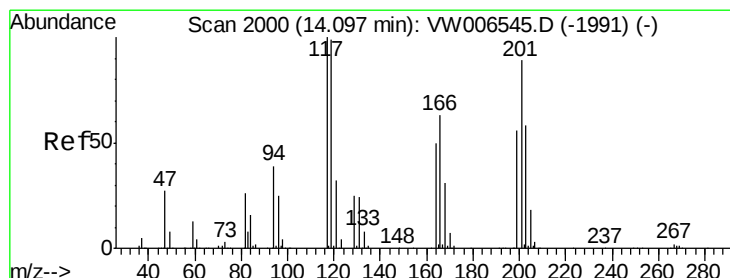
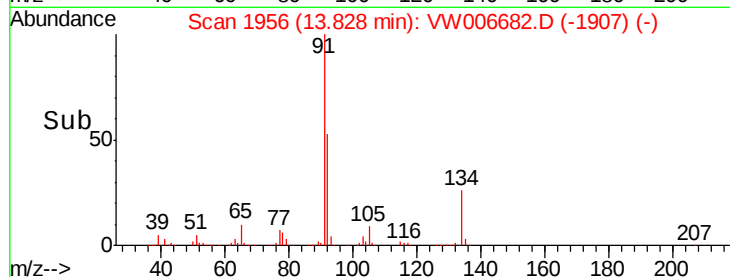
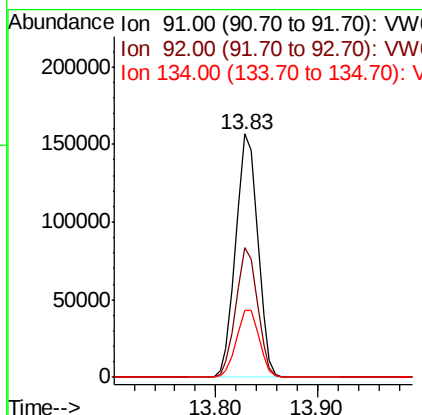
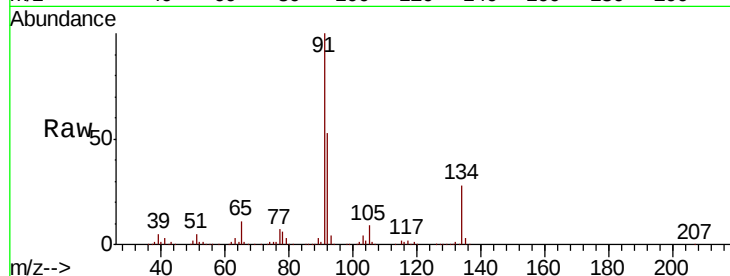
#89
n-Butylbenzene
Concen: 22.135 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW006682.D
Acq: 06 Nov 2018 13:32

Instrument :
MSVOA_W
ClientSampleId :
VW1106SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.2	26.4	79.0
134	28.4	14.3	42.9

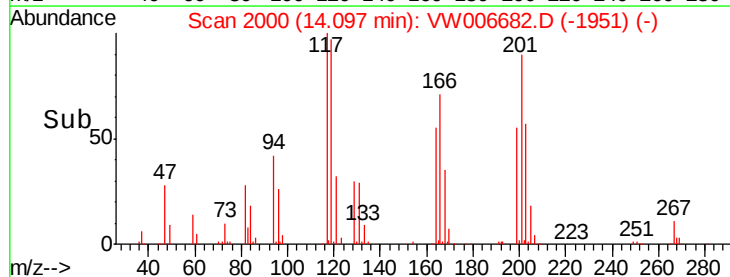
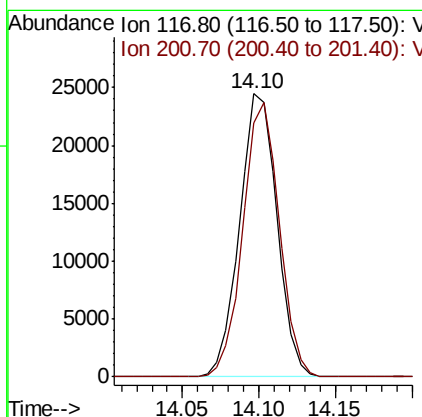
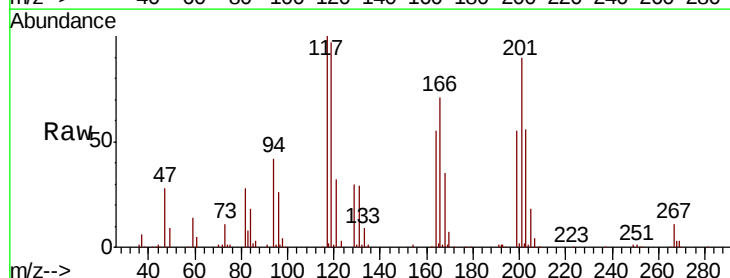
Manual Integrations
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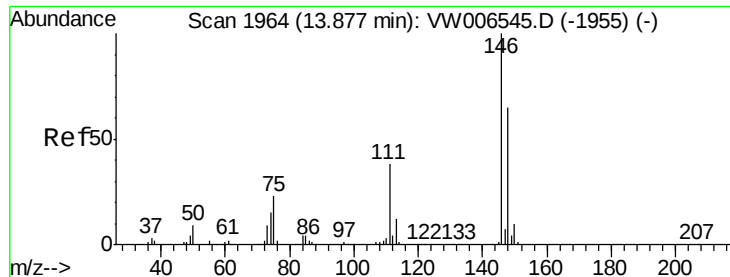
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#90
Hexachloroethane
Concen: 21.248 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW006682.D
Acq: 06 Nov 2018 13:32

Tgt Ion	Ratio	Lower	Upper
117	100		
201	94.2	46.8	140.3





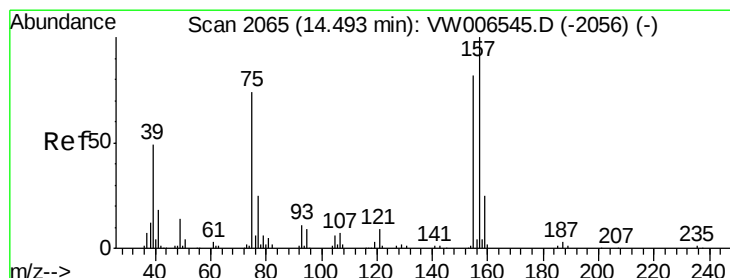
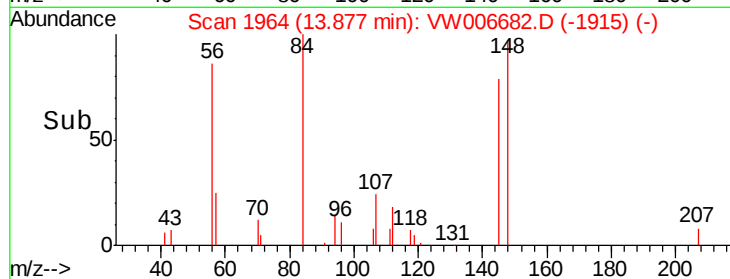
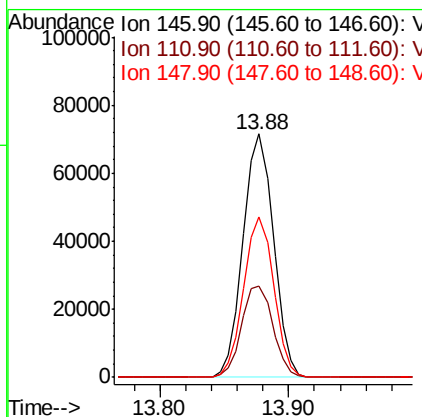
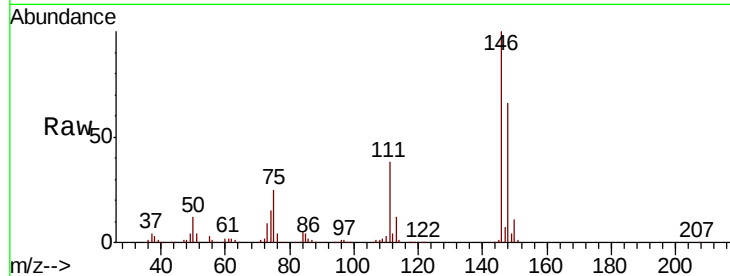
#91
 1,2-Dichlorobenzene
 Concen: 20.528 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW006682.D
 Acq: 06 Nov 2018 13:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1106SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.1	57.5
148	64.9	32.0	96.0

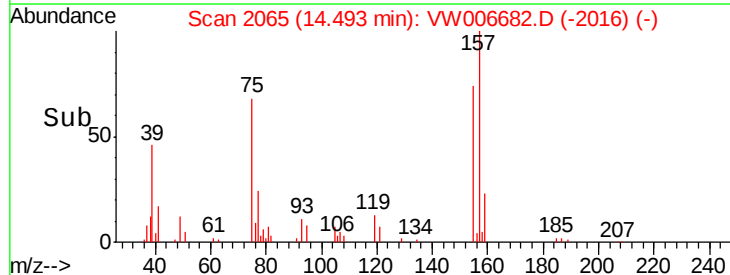
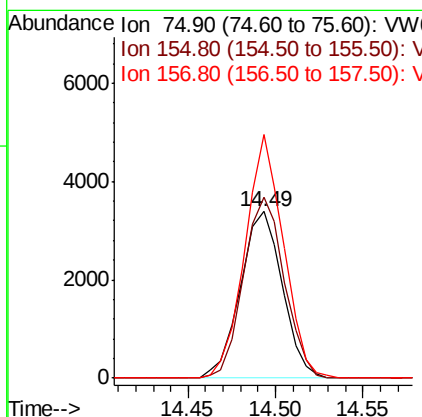
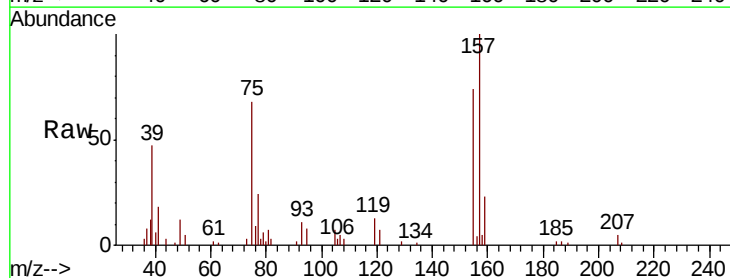
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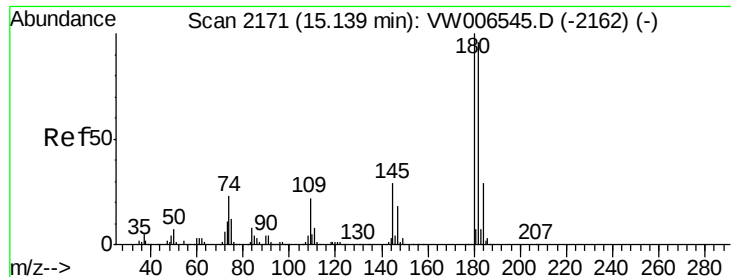
apatel
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.726 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: VW006682.D
 Acq: 06 Nov 2018 13:32

Tgt Ion	Ratio	Lower	Upper
75	100		
155	105.3	50.6	151.8
157	133.3	65.0	195.0





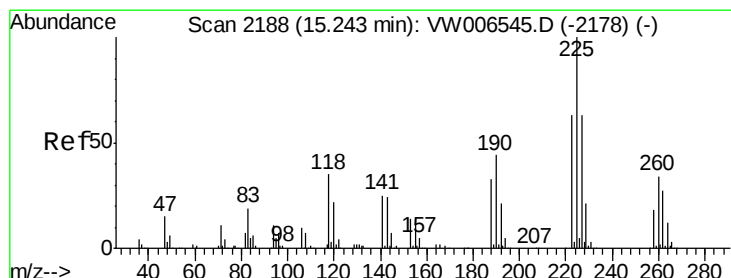
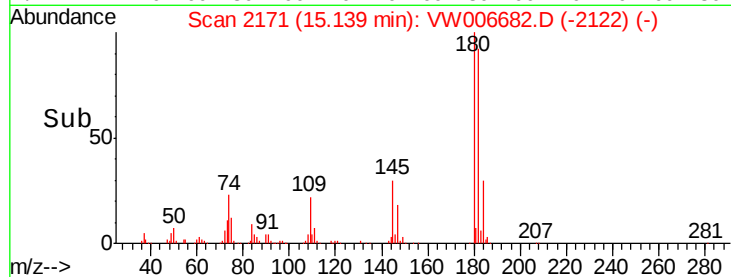
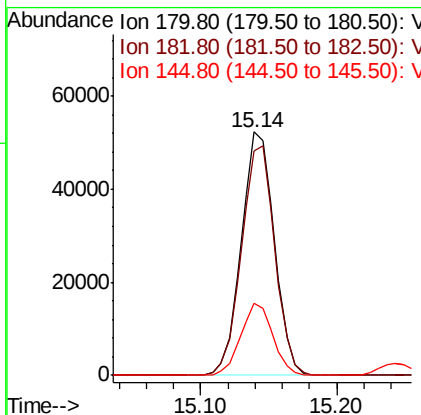
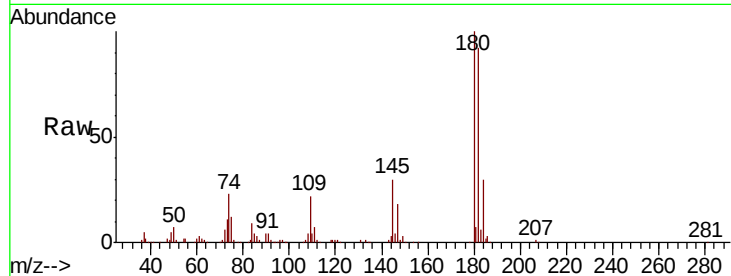
#93
 1,2,4-Trichlorobenzene
 Concen: 20.860 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW006682.D
 Acq: 06 Nov 2018 13:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1106SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.5	142.6
145	28.7	14.0	42.0

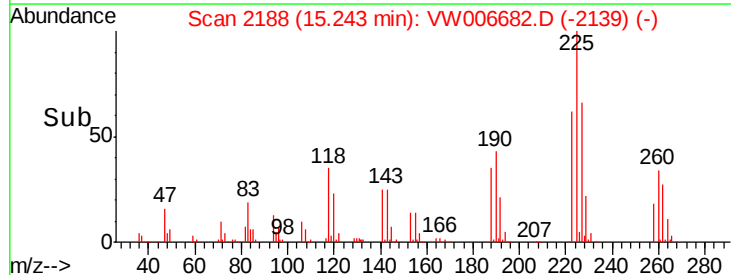
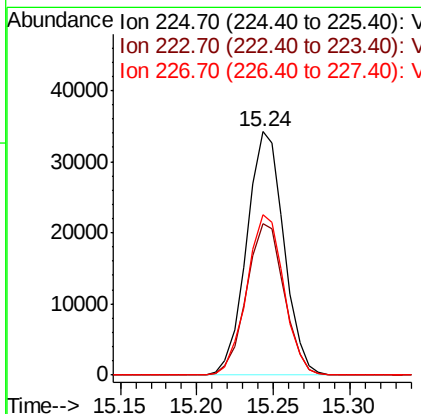
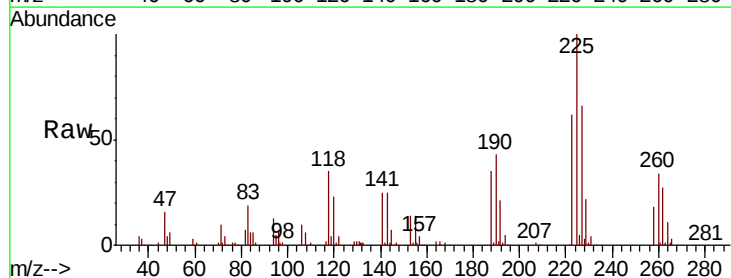
Manual Integrations
 APPROVED

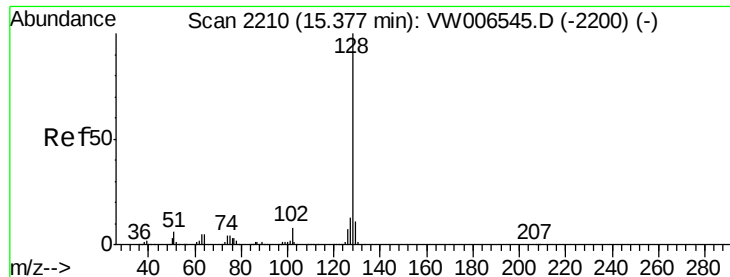
apatel
 11/7/2018 2:06:14 PM



#94
 Hexachlorobutadiene
 Concen: 21.793 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW006682.D
 Acq: 06 Nov 2018 13:32

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	31.4	94.2
227	65.3	32.2	96.6





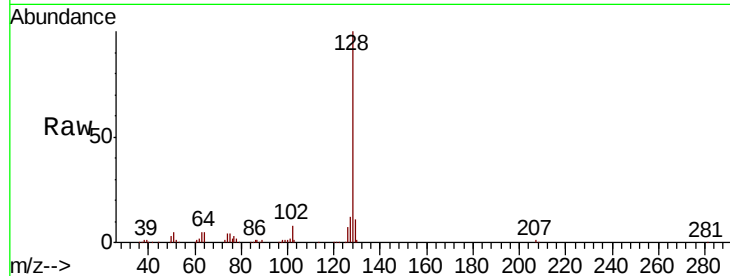
#95
Naphthalene
Concen: 19.137 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006682.D
Acq: 06 Nov 2018 13:32

Instrument :
MSVOA_W
ClientSampleId :
VW1106SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.3	15.5
129	11.1	8.7	13.1

Manual Integrations
APPROVED

apatel
11/7/2018 2:06:14 PM

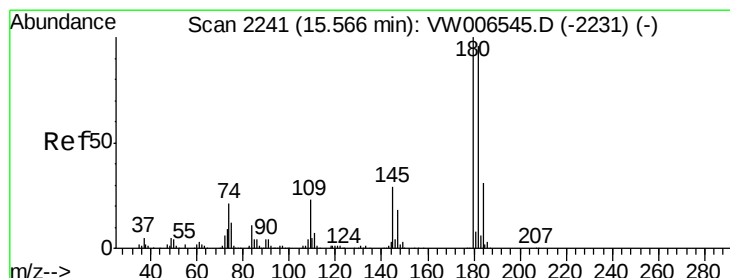
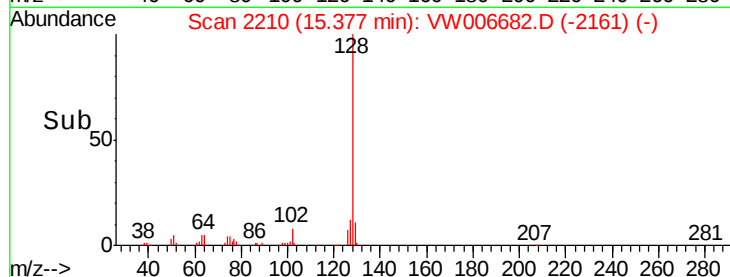
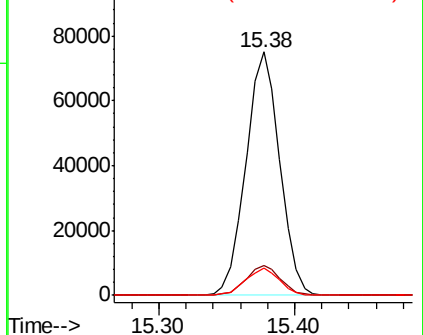


Abundance

Ion 128.00 (127.70 to 128.70): V

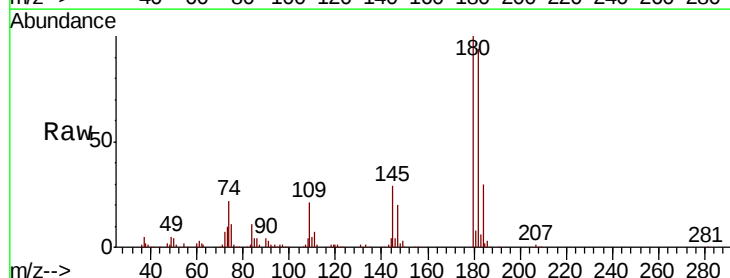
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 20.239 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW006682.D
Acq: 06 Nov 2018 13:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	48.2	144.6
145	29.3	14.9	44.5



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

