

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011119\
 Data File : VW008194.D
 Acq On : 11 Jan 2019 15:21
 Operator : SY/VA
 Sample : VW0111SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0111SBS01

Manual Integrations
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 1/14/2019 2:41:48 PM

Quant Time: Jan 12 00:30:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 04:40:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	101894	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	173181	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	155690	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	78013	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	53661	46.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.72%	
35) Dibromofluoromethane	7.88	113	53726	53.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.38%	
50) Toluene-d8	10.32	98	225190	53.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.26%	
62) 4-Bromofluorobenzene	12.62	95	77183	50.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	14092	16.946	ug/l	86
3) Chloromethane	2.21	50	19909	18.454	ug/l	97
4) Vinyl Chloride	2.37	62	26506	18.824	ug/l	91
5) Bromomethane	2.78	94	22230	21.075	ug/l	97
6) Chloroethane	2.92	64	17803	16.802	ug/l	94
7) Trichlorofluoromethane	3.26	101	19286	16.847	ug/l	94
8) Diethyl Ether	3.67	74	11555	17.855	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	22860	20.114	ug/l	98
10) Methyl Iodide	4.26	142	32091	19.374	ug/l	99
11) Tert butyl alcohol	5.21	59	6334	70.788	ug/l #	100
12) 1,1-Dichloroethene	4.04	96	22060	19.770	ug/l	86
13) Acrolein	3.90	56	5443	70.315	ug/l	95
14) Allyl chloride	4.67	41	38410	18.959	ug/l	98
15) Acrylonitrile	5.37	53	21956	89.115	ug/l	99
16) Acetone	4.13	43	23249	100.275	ug/l	98
17) Carbon Disulfide	4.37	76	65646	18.832	ug/l	100
18) Methyl Acetate	4.67	43	12433	17.177	ug/l	96
19) Methyl tert-butyl Ether	5.42	73	31210	17.204	ug/l #	88
20) Methylene Chloride	4.90	84	27595	21.758	ug/l	88
21) trans-1,2-Dichloroethene	5.42	96	23530	19.404	ug/l	92
22) Diisopropyl ether	6.31	45	72300	18.712	ug/l	97
23) Vinyl Acetate	6.25	43	183594	90.473	ug/l	97
24) 1,1-Dichloroethane	6.21	63	42629	18.935	ug/l	94
25) 2-Butanone	7.17	43	28748	90.223	ug/l	90
26) 2,2-Dichloropropane	7.16	77	28490	18.677	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	25428	19.220	ug/l	97
28) Bromochloromethane	7.51	49	18105	20.332	ug/l	98
29) Tetrahydrofuran	7.52	42	17624	82.804	ug/l	96
30) Chloroform	7.68	83	42484	19.826	ug/l	95
31) Cyclohexane	7.95	56	42560	17.659	ug/l	94
32) 1,1,1-Trichloroethane	7.87	97	35571	19.077	ug/l	96
36) 1,1-Dichloropropene	8.08	75	35101	19.676	ug/l	99
37) Ethyl Acetate	7.26	43	12631	17.673	ug/l	96
38) Carbon Tetrachloride	8.06	117	31980	19.586	ug/l	99

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Manual Integrations
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Quant Time: Jan 12 00:30:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 04:40:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	42651	18.855	ug/l	96
40) Benzene	8.32	78	96728	19.991	ug/l	98
41) Methacrylonitrile	7.48	41	8376	18.553	ug/l	92
42) 1,2-Dichloroethane	8.40	62	25789	18.950	ug/l	98
43) Isopropyl Acetate	8.43	43	25082	17.553	ug/l	99
44) Trichloroethene	9.09	130	25119	20.280	ug/l	94
45) 1,2-Dichloropropane	9.37	63	23889	19.912	ug/l #	86
46) Dibromomethane	9.46	93	11684	19.830	ug/l	97
47) Bromodichloromethane	9.65	83	30018	20.064	ug/l	98
48) Methyl methacrylate	9.43	41	11172	16.569	ug/l	91
49) 1,4-Dioxane	9.46	88	3481	367.369	ug/l #	91
51) 4-Methyl-2-Pentanone	10.21	43	60609	87.624	ug/l	100
52) Toluene	10.39	92	60759	19.663	ug/l	97
53) t-1,3-Dichloropropene	10.60	75	29088	18.691	ug/l	95
54) cis-1,3-Dichloropropene	10.07	75	35148	19.046	ug/l	95
55) 1,1,2-Trichloroethane	10.79	97	16201	19.584	ug/l	98
56) Ethyl methacrylate	10.65	69	18712	18.265	ug/l	98
57) 1,3-Dichloropropane	10.93	76	28584	18.893	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	53342	100.800	ug/l	100
59) 2-Hexanone	10.97	43	44249	94.598	ug/l	96
60) Dibromochloromethane	11.13	129	18614	20.491	ug/l	98
61) 1,2-Dibromoethane	11.24	107	15112	19.252	ug/l	99
64) Tetrachloroethene	10.86	164	20911	20.638	ug/l	91
65) Chlorobenzene	11.66	112	66820	20.258	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	22017	20.523	ug/l	99
67) Ethyl Benzene	11.73	91	117375	19.448	ug/l	96
68) m/p-Xylenes	11.84	106	91654	39.788	ug/l	99
69) o-Xylene	12.17	106	41522	19.465	ug/l	98
70) Styrene	12.18	104	68770	20.582	ug/l	98
71) Bromoform	12.35	173	10039	20.909	ug/l #	95
73) Isopropylbenzene	12.47	105	118844	19.404	ug/l	99
74) N-amyl acetate	12.27	43	22945	16.917	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	18175	18.539	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	13296m	18.696	ug/l	
77) Bromobenzene	12.75	156	24656	19.052	ug/l	94
78) n-propylbenzene	12.81	91	143798	19.161	ug/l	98
79) 2-Chlorotoluene	12.90	91	79447	18.975	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	99258	19.721	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	5464	17.892	ug/l	99
82) 4-Chlorotoluene	12.99	91	84973	19.270	ug/l	98
83) tert-Butylbenzene	13.21	119	85617	19.228	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	100036	19.271	ug/l	98
85) sec-Butylbenzene	13.39	105	127170	19.497	ug/l	99
86) p-Isopropyltoluene	13.51	119	109720	19.480	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	52006	19.810	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	52295	19.855	ug/l	99
89) n-Butylbenzene	13.83	91	108102	19.596	ug/l	99
90) Hexachloroethane	14.10	117	18768	19.728	ug/l	94
91) 1,2-Dichlorobenzene	13.88	146	46041	19.956	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2849	18.058	ug/l	94

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ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VW0111SBS01

Manual Integrations
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Quant Time: Jan 12 00:30:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 09 04:40:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	30208	19.721	ug/l	95
94) Hexachlorobutadiene	15.24	225	16452	20.067	ug/l	98
95) Naphthalene	15.38	128	49594	17.340	ug/l	98
96) 1,2,3-Trichlorobenzene	15.57	180	25262	19.346	ug/l	99

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

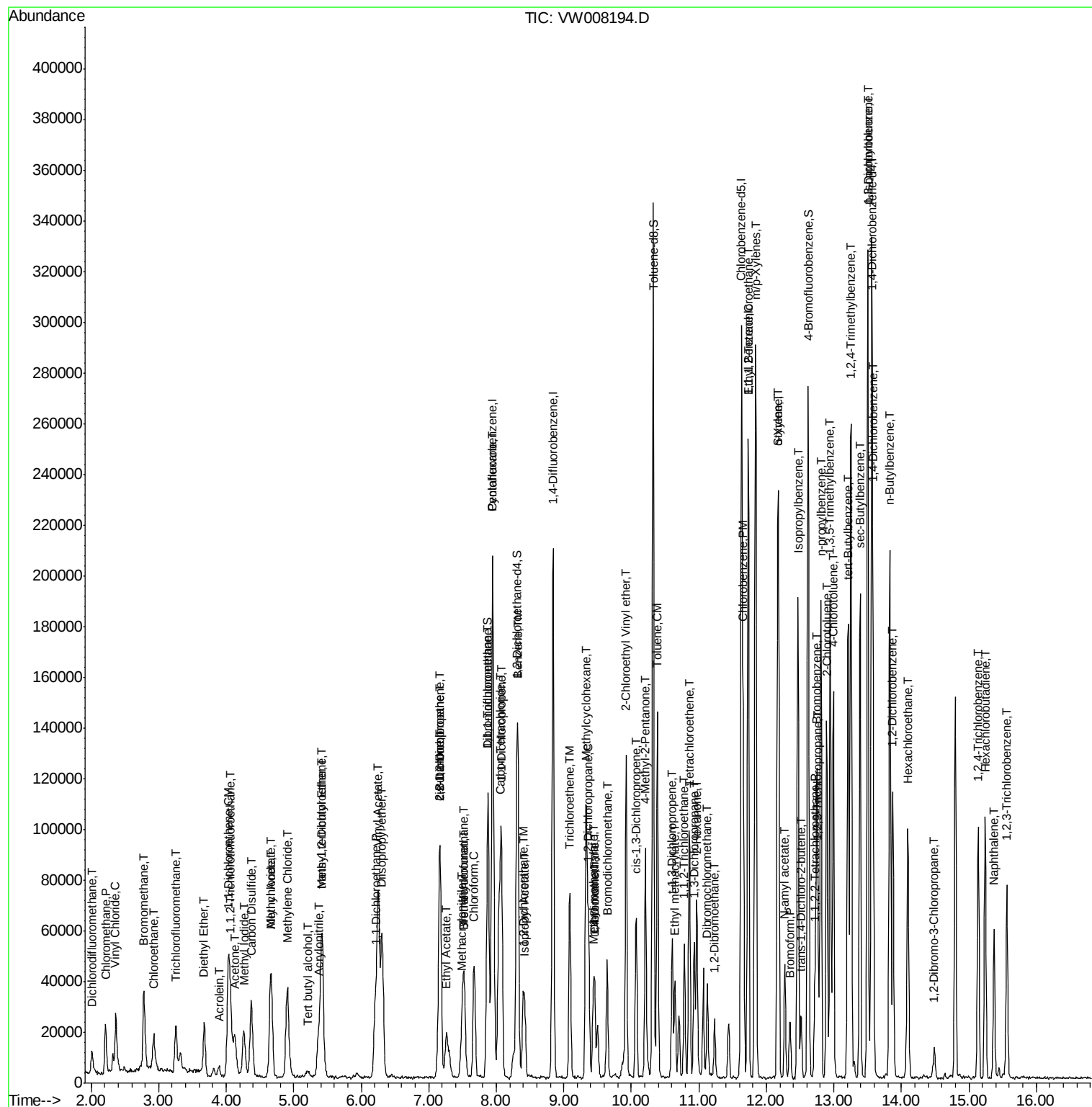
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 Data File : VW008194.D
 Acq On : 11 Jan 2019 15:21
 Operator : SY/VA
 Sample : VW0111SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

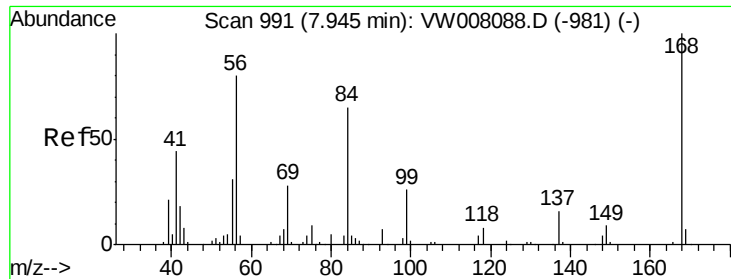
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0111SBS01

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#1

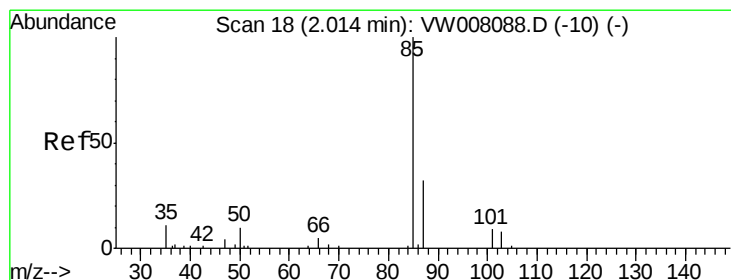
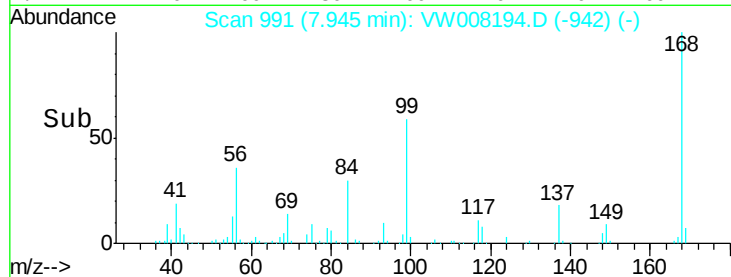
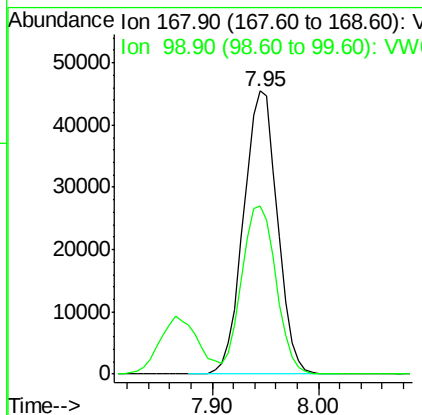
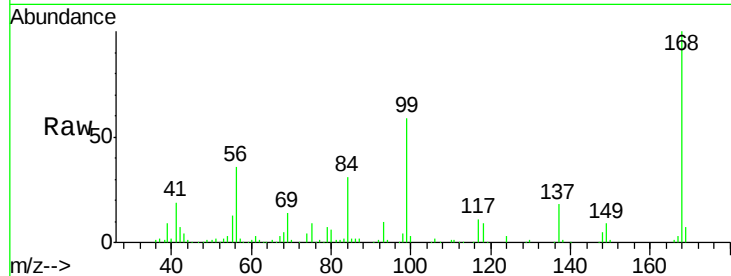
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.00 min
 Lab File: VW008194.D
 Acq: 11 Jan 2019 15:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0111SBS01

Tot Ion	Ratio	Lower	Upper
168	100		
99	59.2	52.6	78.8

Manual Integrations
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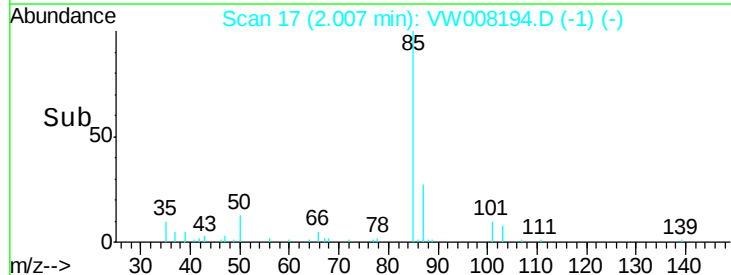
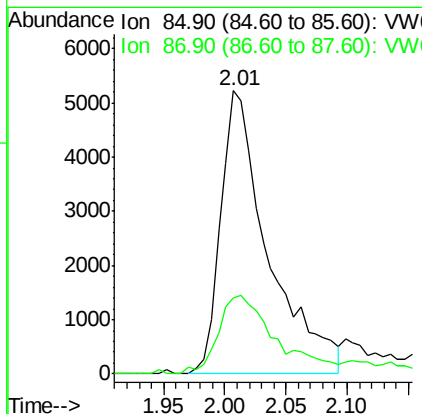
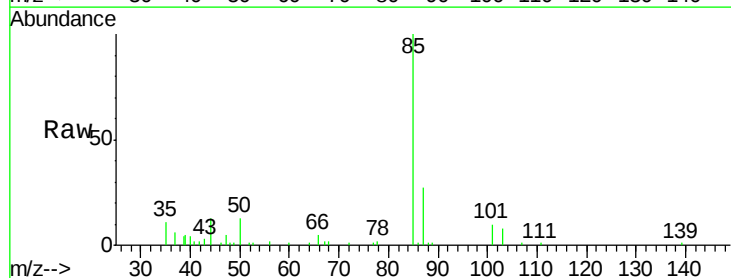
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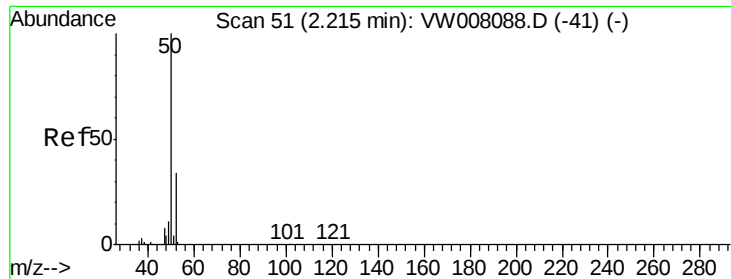


#2

Dichlorodifluoromethane
 Concen: 16.946 ug/l
 RT: 2.01 min Scan# 17
 Delta R.T. -0.01 min
 Lab File: VW008194.D
 Acq: 11 Jan 2019 15:21

Tgt Ion	Ratio	Lower	Upper
85	100		
87	24.5	16.1	48.3





#3

Chloromethane

Concen: 18.454 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW008194.D

Acq: 11 Jan 2019 15:21

Instrument :

MSVOA_W

ClientSampled :

VW0111SBS01

Tot Ion: 50 Resp: 19909

Ion Ratio Lower Upper

50 100

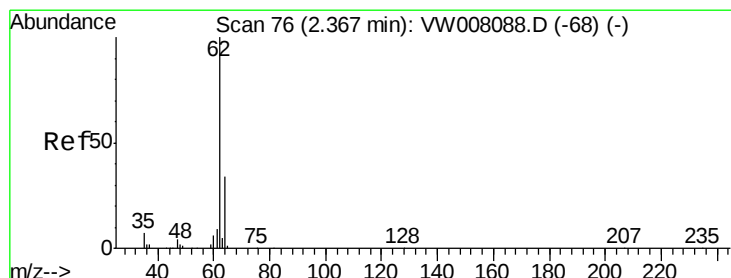
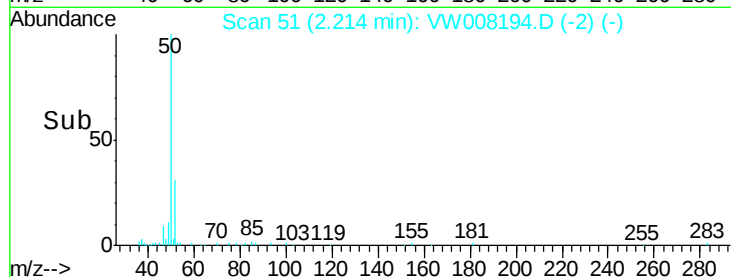
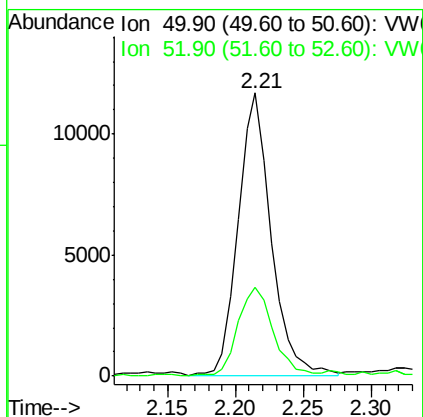
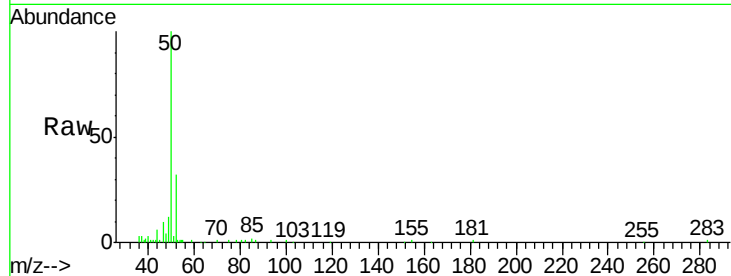
52 31.6 26.8 40.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.824 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW008194.D

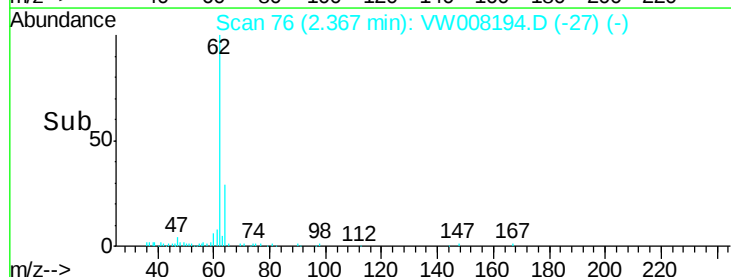
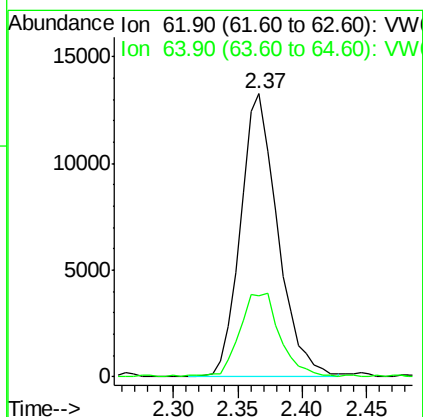
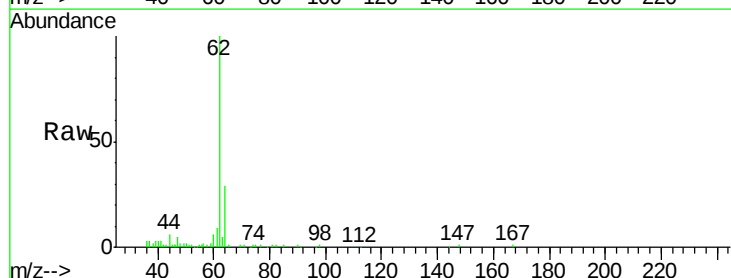
Acq: 11 Jan 2019 15:21

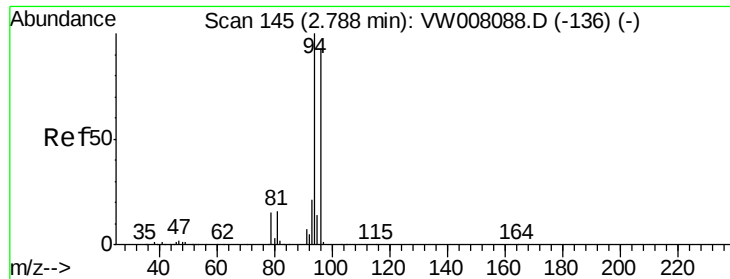
Tgt Ion: 62 Resp: 26506

Ion Ratio Lower Upper

62 100

64 28.7 27.0 40.6





#5

Bromomethane

Concen: 21.075 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW008194.D

Acq: 11 Jan 2019 15:21

Instrument :

MSVOA_W

ClientSampleId :

VW0111SBS01

Tot Ion: 94 Resp: 22230

Ion Ratio Lower Upper

94 100

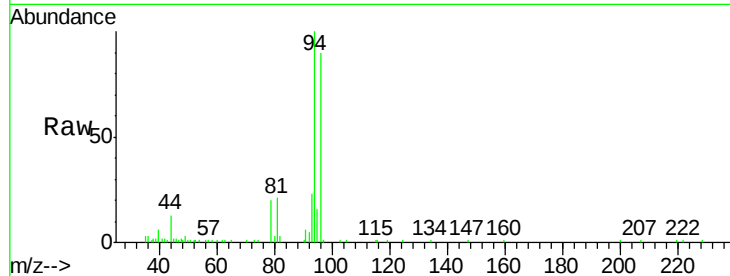
96 89.3 74.1 111.1

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.78

12000

10000

8000

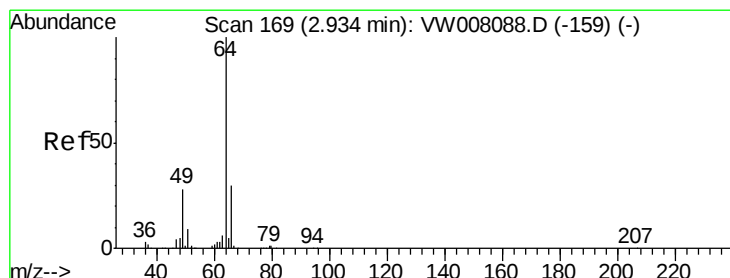
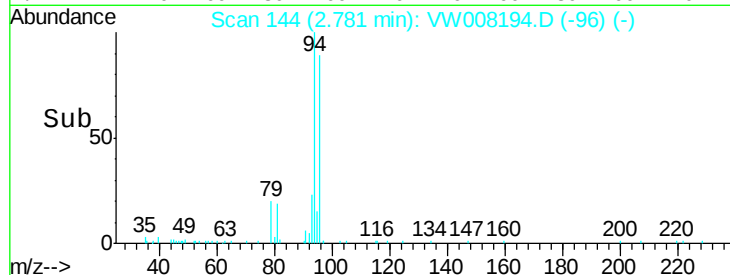
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4000

2000

0

Time-->



#6

Chloroethane

Concen: 16.802 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW008194.D

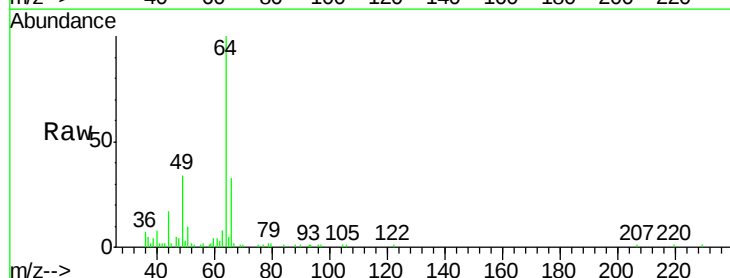
Acq: 11 Jan 2019 15:21

Tgt Ion: 64 Resp: 17803

Ion Ratio Lower Upper

64 100

66 33.4 24.2 36.2



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW

2.92

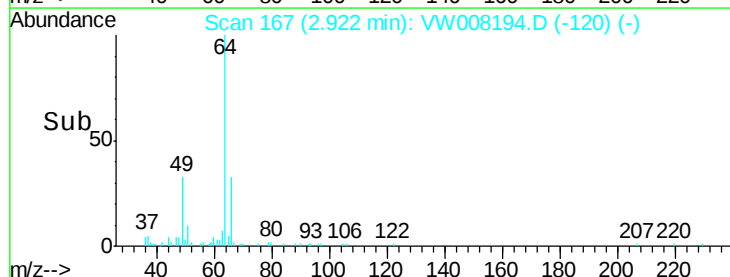
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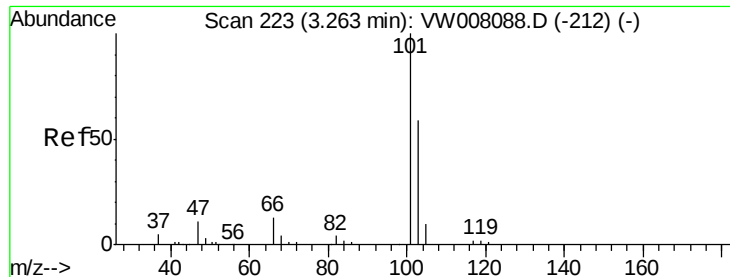
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Time-->





#7

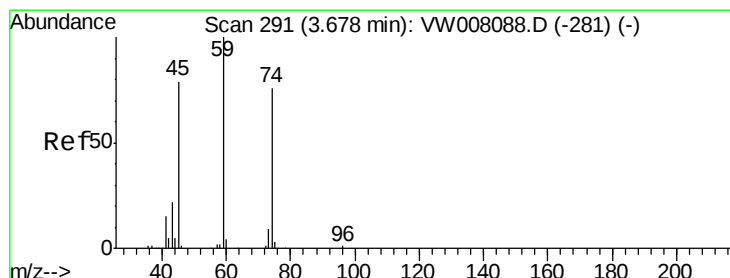
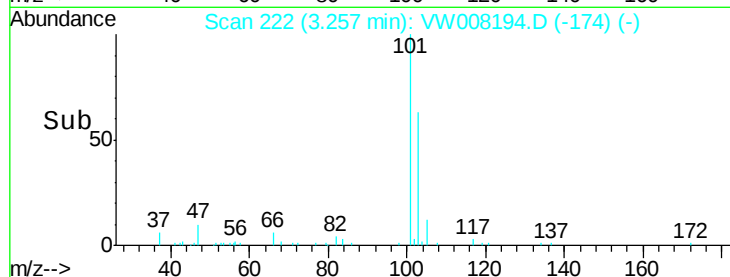
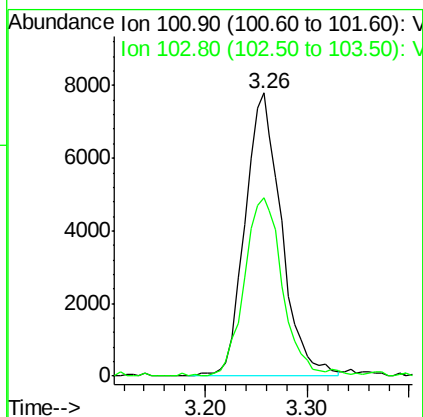
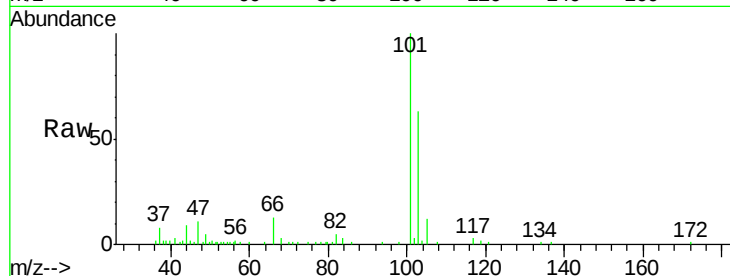
Trichlorofluoromethane
Concen: 16.847 ug/l
RT: 3.26 min Scan# 222
Delta R.T. -0.01 min
Lab File: VW008194.D
Acq: 11 Jan 2019 15:21

Instrument :
MSVOA_W
ClientSampleId :
VW0111SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.2	47.0	70.6

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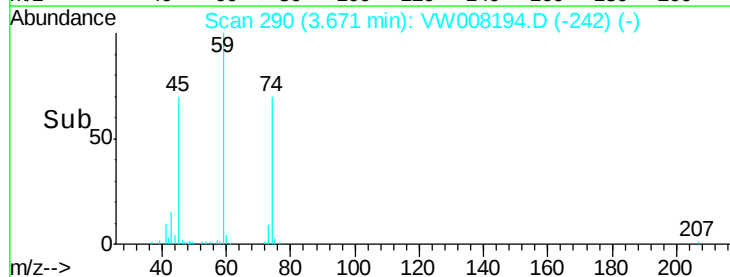
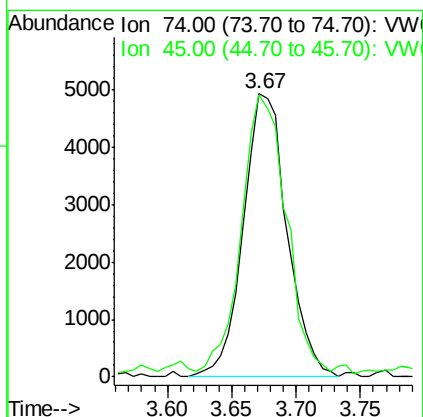
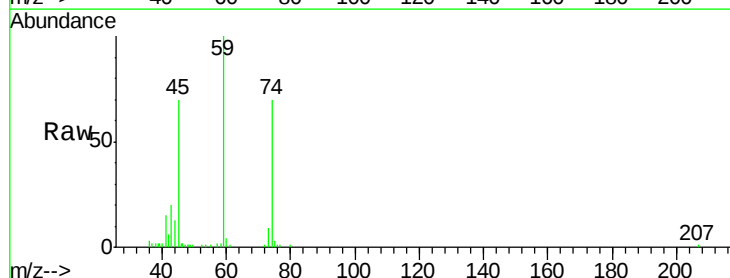
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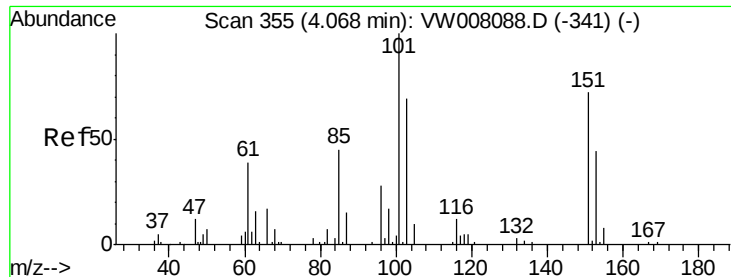


#8

Diethyl Ether
Concen: 17.855 ug/l
RT: 3.67 min Scan# 290
Delta R.T. -0.01 min
Lab File: VW008194.D
Acq: 11 Jan 2019 15:21

Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.7	52.4	157.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.114 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW008194.D

Acq: 11 Jan 2019 15:21

Instrument :

MSVOA_W

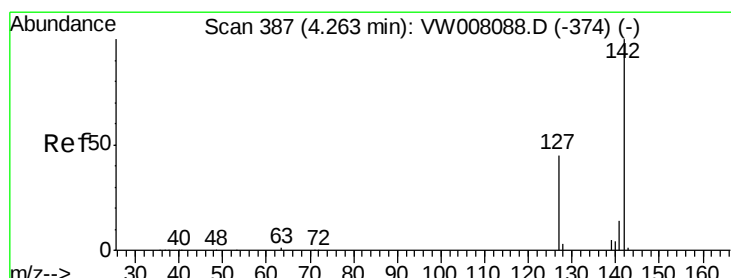
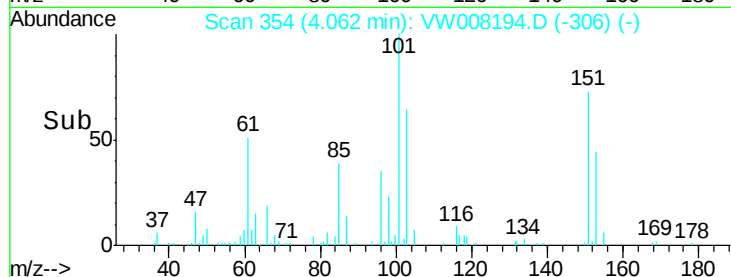
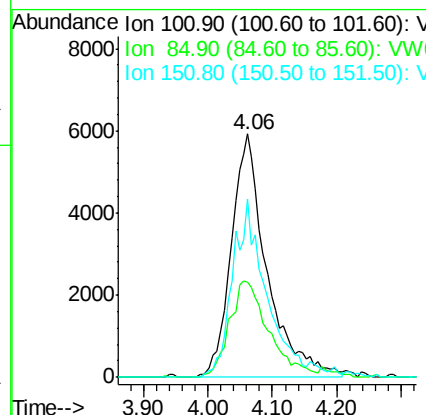
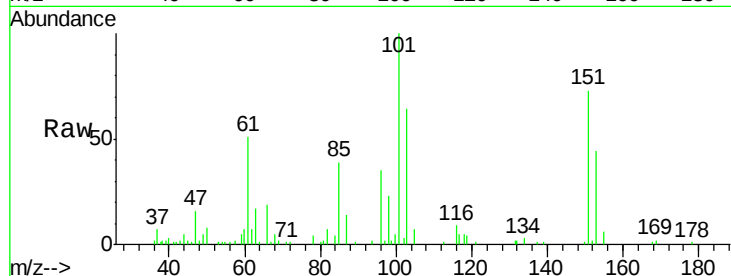
ClientSampleId :

VW0111SBS01

Tot Ion:	101	Resp:	22860
Ion Ratio	Lower	Upper	
101	100		
85	43.7	35.9	53.9
151	68.1	55.8	83.8

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#10

Methyl Iodide

Concen: 19.374 ug/l

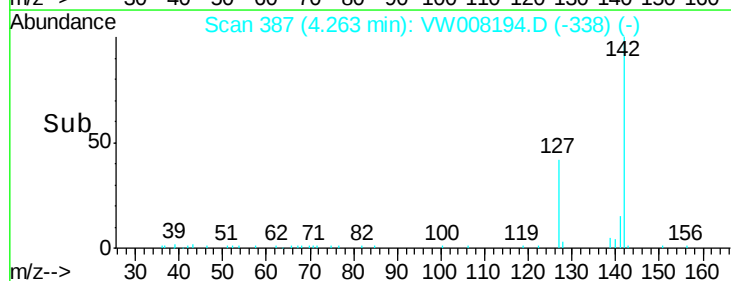
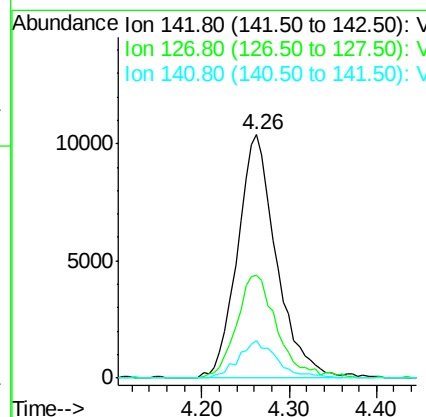
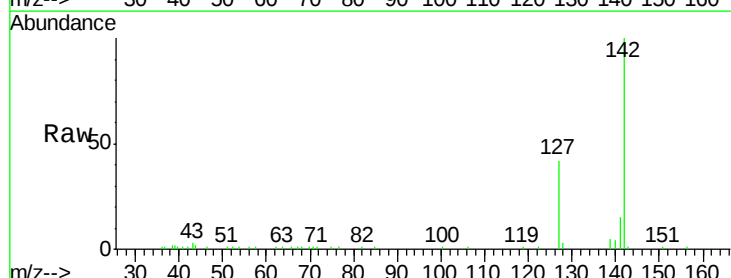
RT: 4.26 min Scan# 387

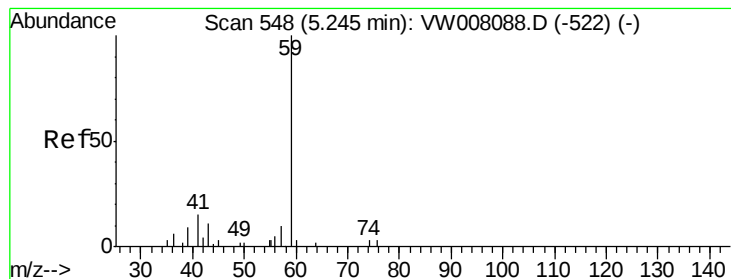
Delta R.T. -0.00 min

Lab File: VW008194.D

Acq: 11 Jan 2019 15:21

Tgt Ion:	142	Resp:	32091
Ion Ratio	Lower	Upper	
142	100		
127	44.6	35.0	52.4
141	15.4	11.8	17.6





#11

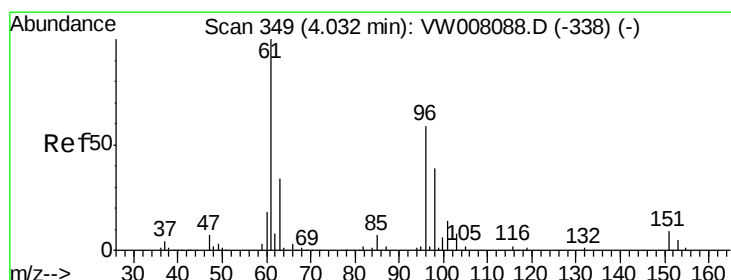
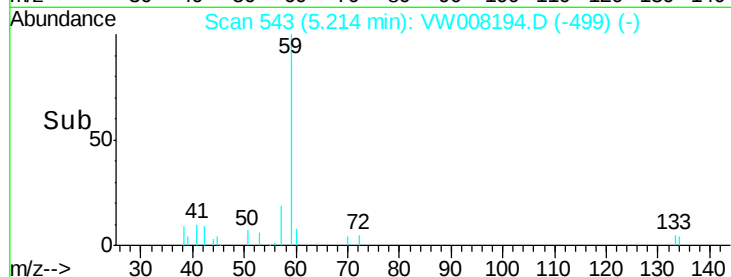
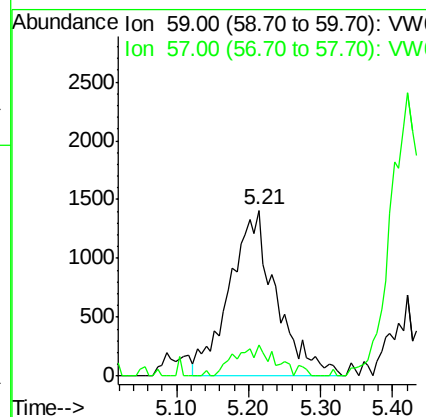
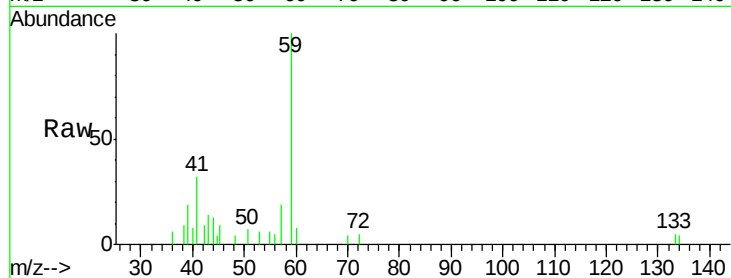
Tert butyl alcohol
Concen: 70.788 ug/l
RT: 5.21 min Scan# 543
Delta R.T. -0.03 min
Lab File: VW008194.D
Acq: 11 Jan 2019 15:21

Instrument :
MSVOA_W
ClientSampled :
VW0111SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	8.1	0.0	0.0#

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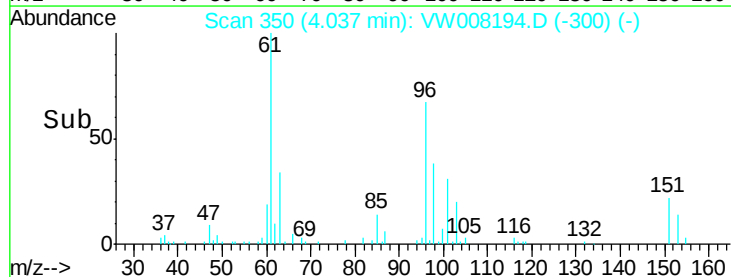
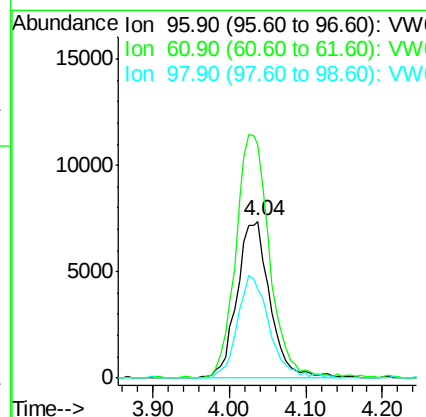
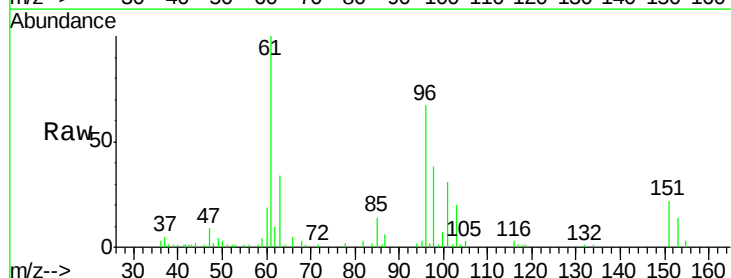
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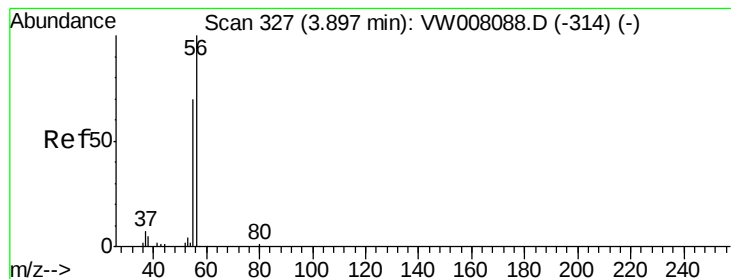


#12

1,1-Dichloroethene
Concen: 19.770 ug/l
RT: 4.04 min Scan# 350
Delta R.T. 0.01 min
Lab File: VW008194.D
Acq: 11 Jan 2019 15:21

Tgt Ion	Ratio	Lower	Upper
96	100		
61	148.6	135.4	203.2
98	56.2	52.5	78.7





#13

Acrolein

Concen: 70.315 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.00 min

Lab File: VW008194.D

Acq: 11 Jan 2019 15:21

Instrument :

MSVOA_W

ClientSampleId :

VW0111SBS01

Tot Ion: 56 Resp: 5443

Ion Ratio Lower Upper

56 100

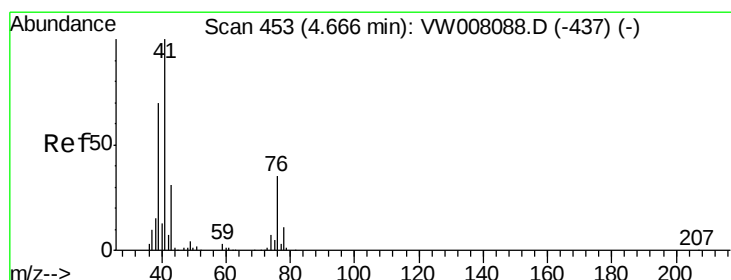
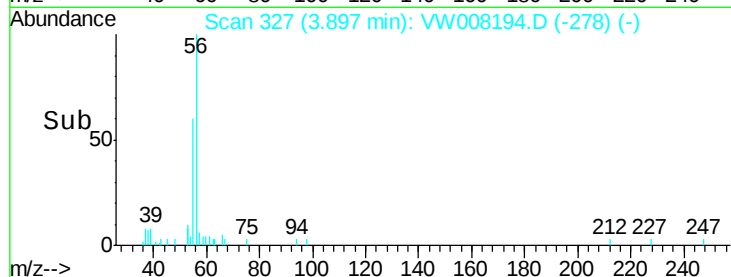
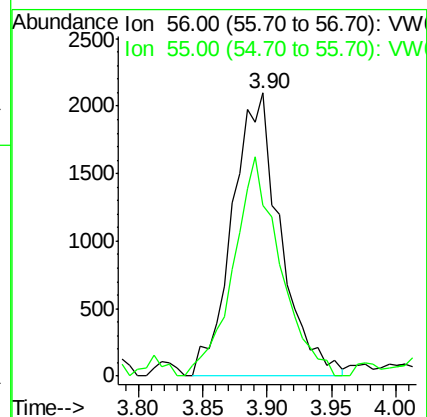
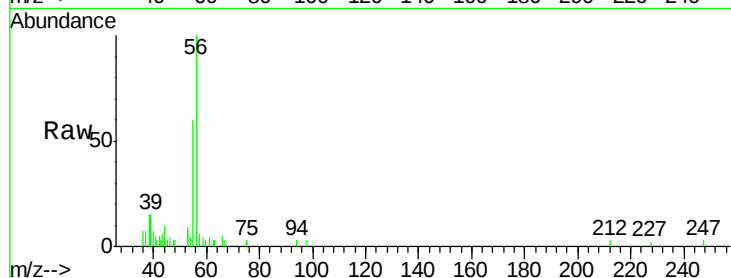
55 75.0 56.6 84.8

Manual Integrations

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#14

Allyl chloride

Concen: 18.959 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW008194.D

Acq: 11 Jan 2019 15:21

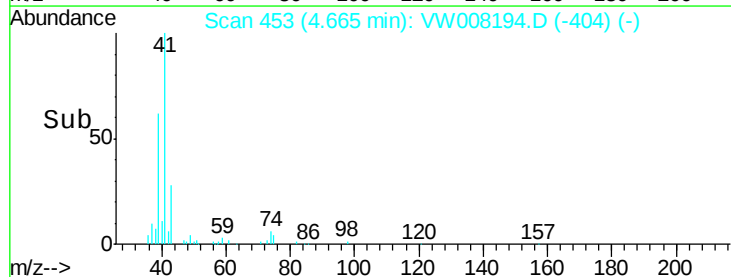
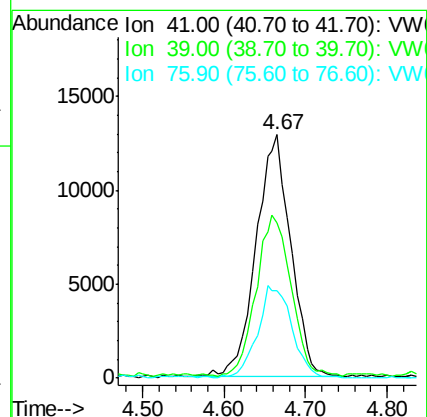
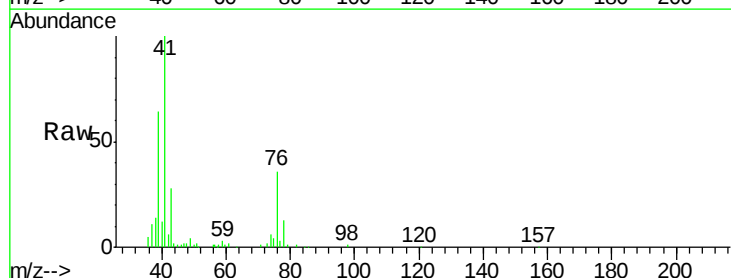
Tgt Ion: 41 Resp: 38410

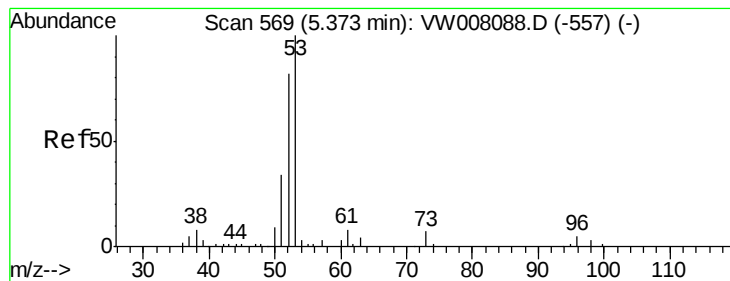
Ion Ratio Lower Upper

41 100

39 66.7 53.8 80.8

76 37.6 27.6 41.4





#15

Acrylonitrile

Concen: 89.115 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.01 min

Lab File: VW008194.D

Acq: 11 Jan 2019 15:21

Instrument :

MSVOA_W

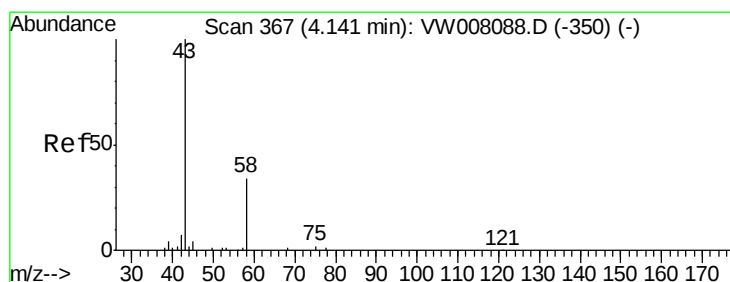
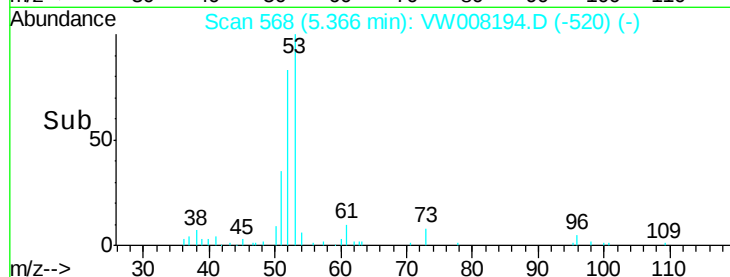
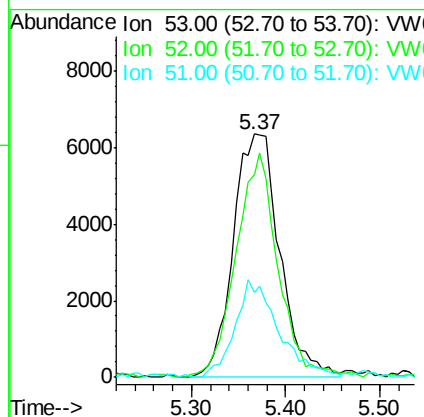
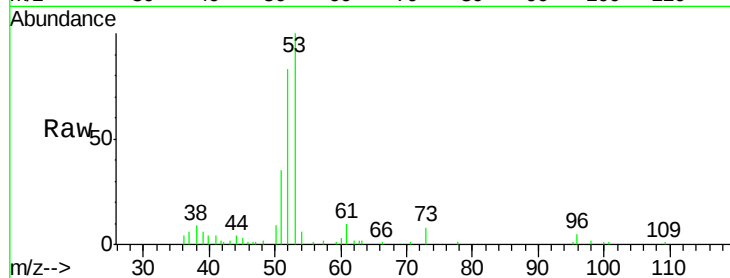
ClientSampleId :

VW0111SBS01

Tot Ion:	53	Resp:	21956
Ion	Ratio	Lower	Upper
53	100		
52	83.4	66.8	100.2
51	38.0	29.7	44.5

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#16

Acetone

Concen: 100.275 ug/l

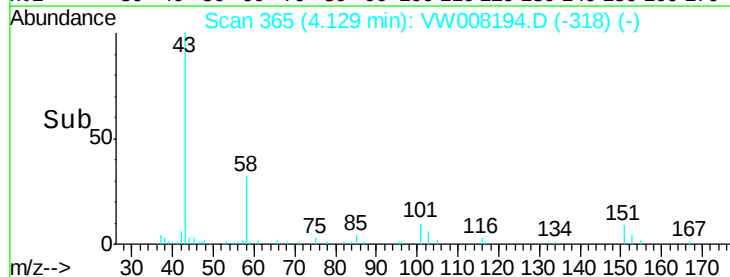
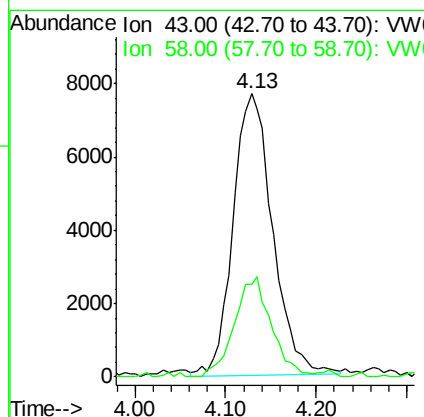
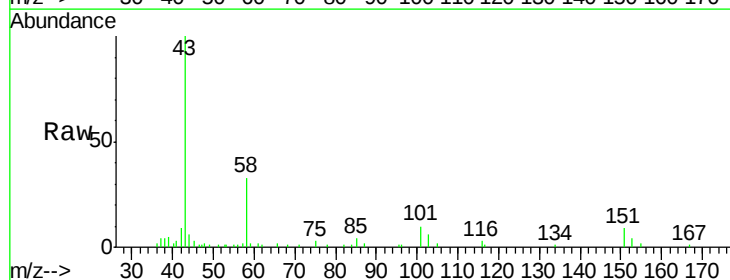
RT: 4.13 min Scan# 365

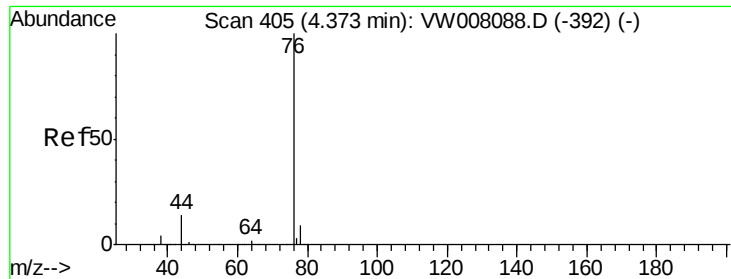
Delta R.T. -0.01 min

Lab File: VW008194.D

Acq: 11 Jan 2019 15:21

Tgt Ion:	43	Resp:	23249
Ion	Ratio	Lower	Upper
43	100		
58	33.1	27.5	41.3





#17

Carbon Disulfide

Concen: 18.832 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.00 min

Lab File: VW008194.D

Acq: 11 Jan 2019 15:21

Instrument :

MSVOA_W

ClientSampleId :

VW0111SBS01

Tot Ion: 76 Resp: 65646

Ion Ratio Lower Upper

76 100

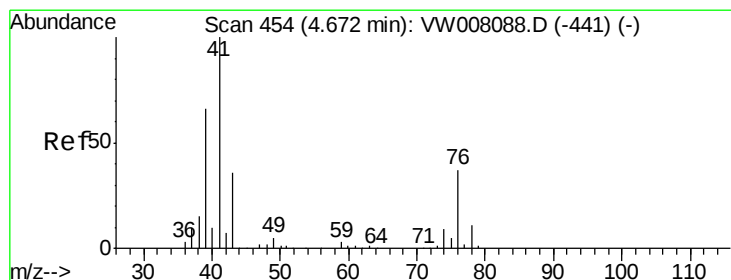
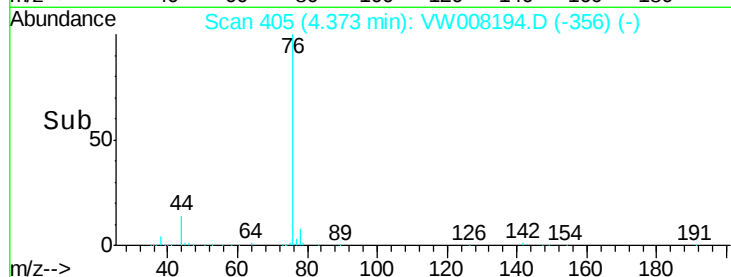
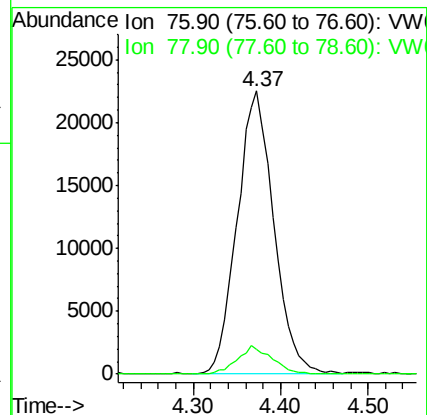
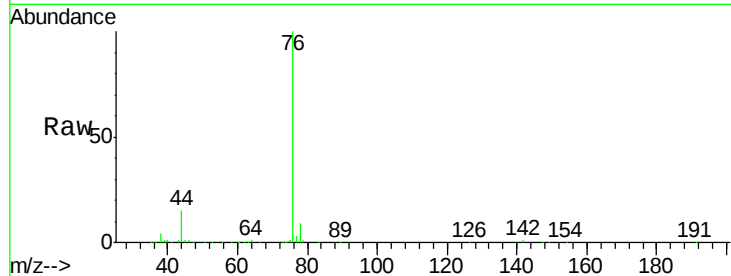
78 8.7 7.0 10.6

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#18

Methyl Acetate

Concen: 17.177 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.00 min

Lab File: VW008194.D

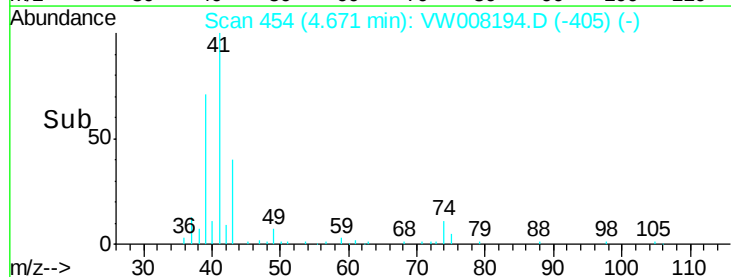
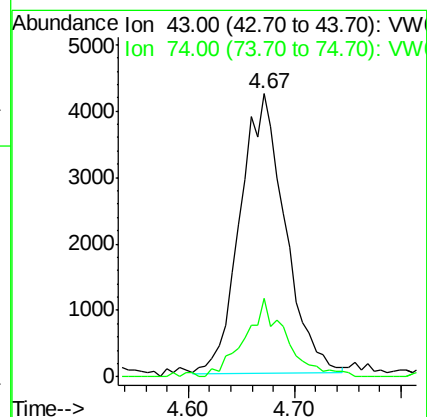
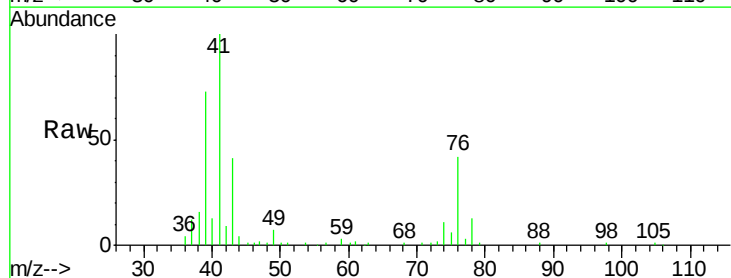
Acq: 11 Jan 2019 15:21

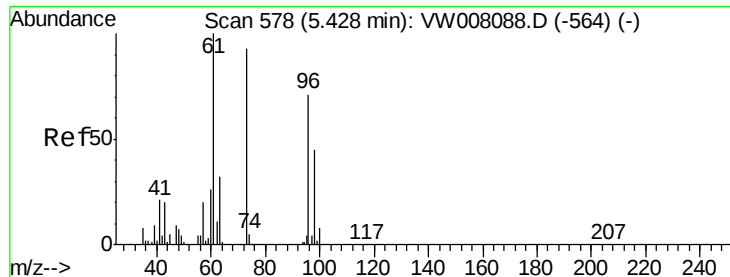
Tgt Ion: 43 Resp: 12433

Ion Ratio Lower Upper

43 100

74 25.9 19.0 28.4





#19

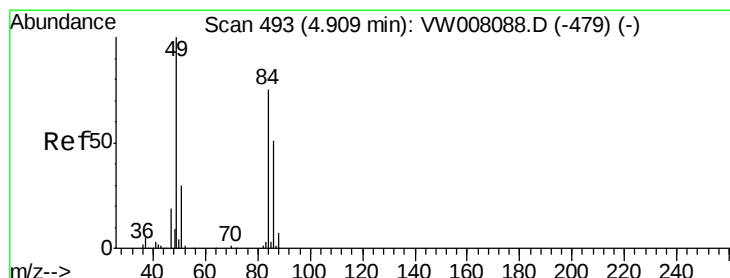
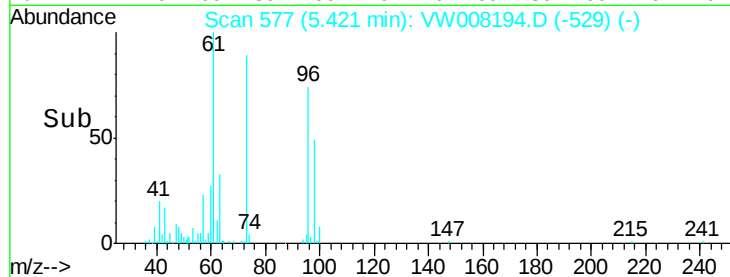
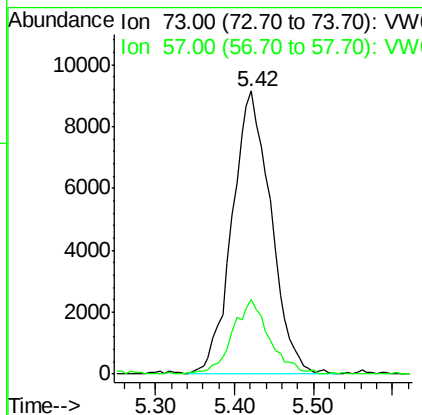
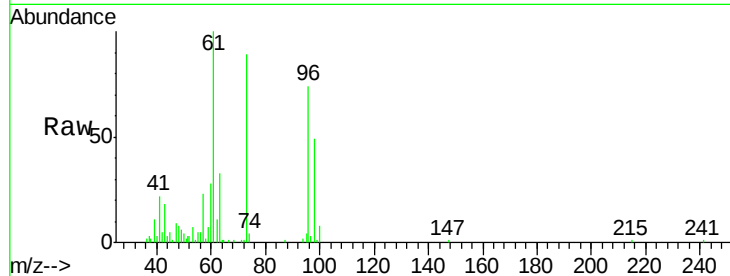
Methyl tert-butyl Ether
 Concen: 17.204 ug/l
 RT: 5.42 min Scan# 577
 Delta R.T. -0.01 min
 Lab File: VW008194.D
 Acq: 11 Jan 2019 15:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0111SBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	26.3	16.7	25.1#

Manual Integrations
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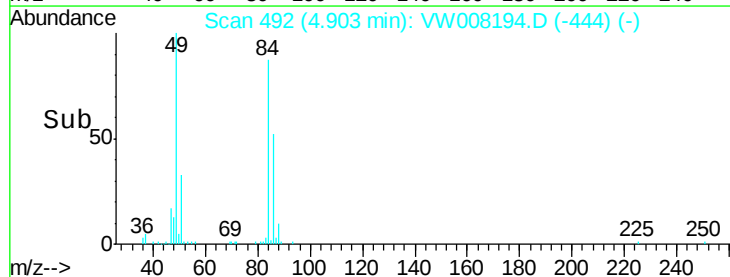
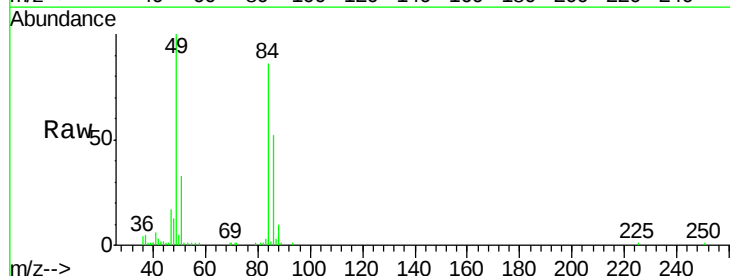
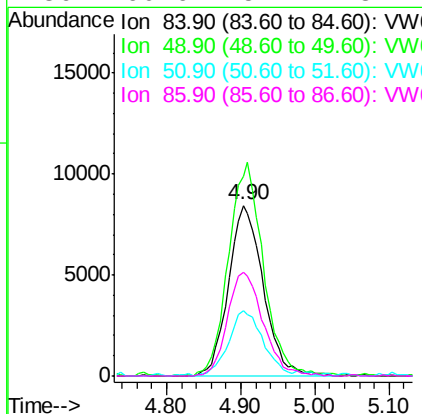
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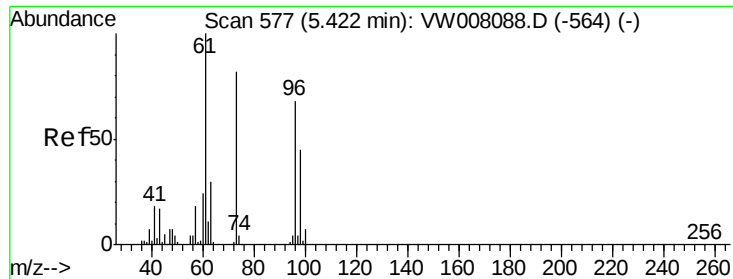


#20

Methylene Chloride
 Concen: 21.758 ug/l
 RT: 4.90 min Scan# 492
 Delta R.T. -0.01 min
 Lab File: VW008194.D
 Acq: 11 Jan 2019 15:21

Tgt Ion	Ratio	Lower	Upper
84	100		
49	116.2	107.1	160.7
51	37.5	32.4	48.6
86	60.6	54.2	81.4





#21

trans-1,2-Dichloroethene

Concen: 19.404 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW008194.D

Acq: 11 Jan 2019 15:21

Instrument :

MSVOA_W

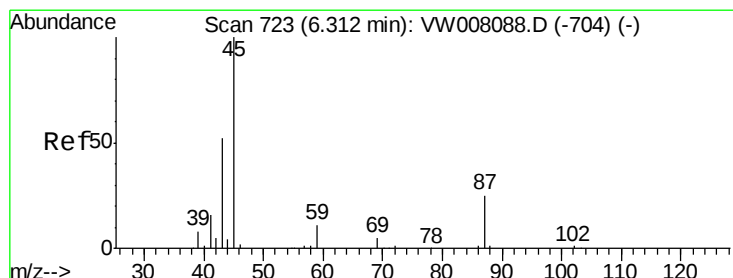
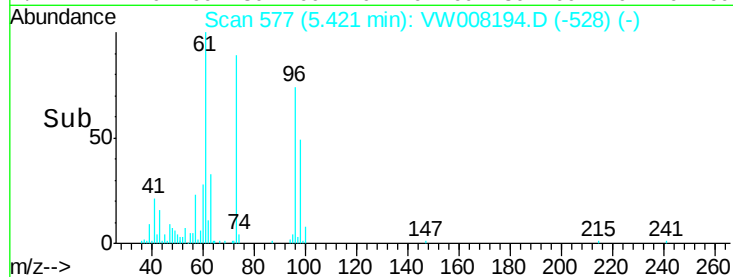
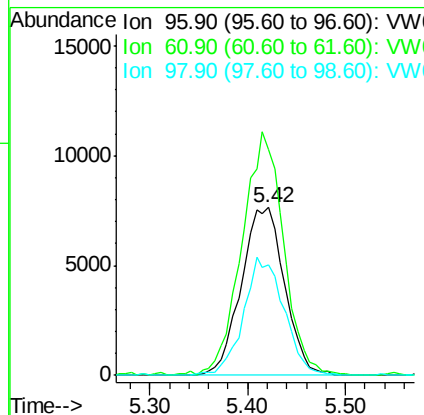
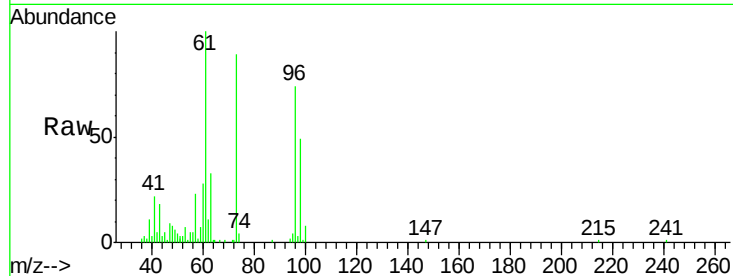
ClientSampleId :

VW0111SBS01

Tot Ion:	96	Resp:	23530
Ion	Ratio	Lower	Upper
96	100		
61	133.5	117.4	176.0
98	65.8	52.2	78.4

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#22

Diisopropyl ether

Concen: 18.712 ug/l

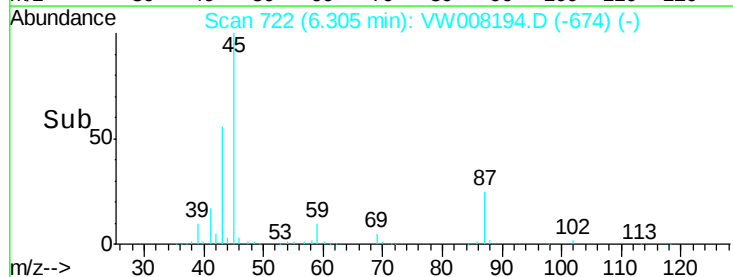
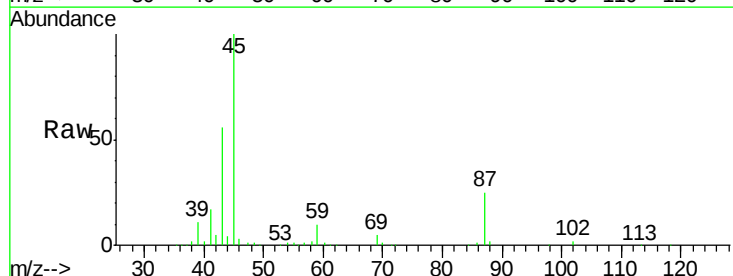
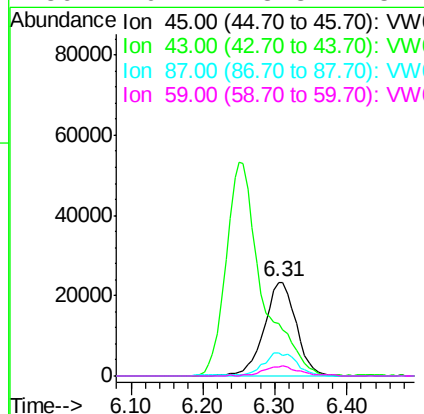
RT: 6.31 min Scan# 722

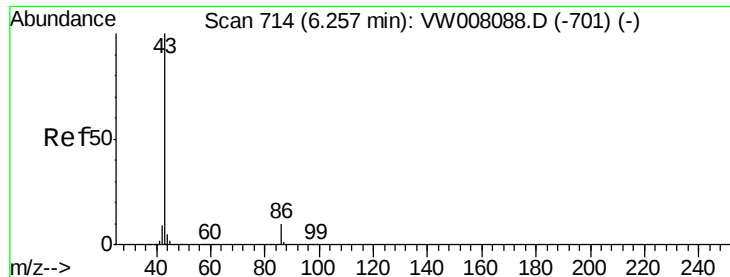
Delta R.T. -0.01 min

Lab File: VW008194.D

Acq: 11 Jan 2019 15:21

Tgt Ion:	45	Resp:	72300
Ion	Ratio	Lower	Upper
45	100		
43	55.2	41.7	62.5
87	25.0	20.1	30.1
59	10.2	8.8	13.2





#23

Vinyl Acetate

Concen: 90.473 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.01 min

Lab File: VW008194.D

Acq: 11 Jan 2019 15:21

Instrument :

MSVOA_W

ClientSampleId :

VW0111SBS01

Tot Ion: 43 Resp: 183594

Ion Ratio Lower Upper

43 100

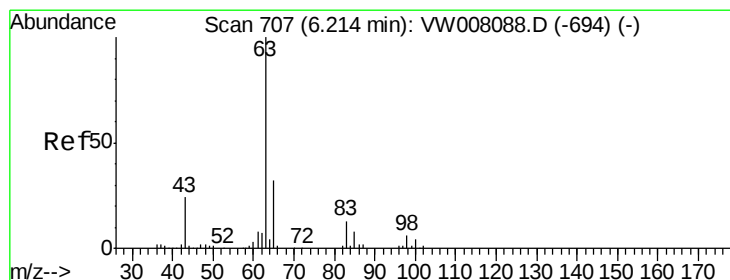
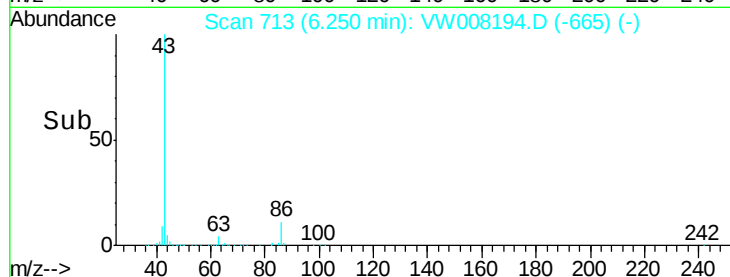
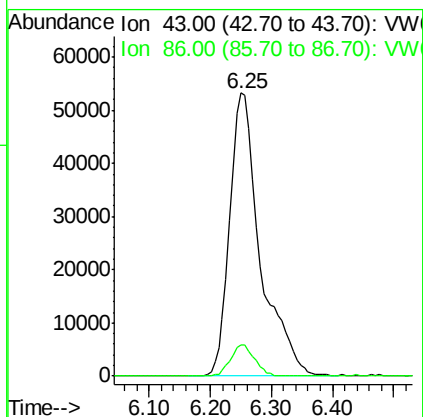
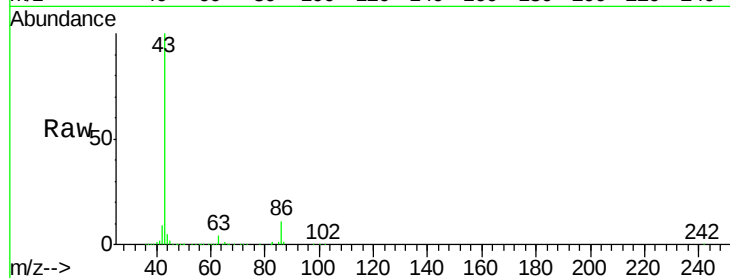
86 10.9 7.7 11.5

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#24

1,1-Dichloroethane

Concen: 18.935 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW008194.D

Acq: 11 Jan 2019 15:21

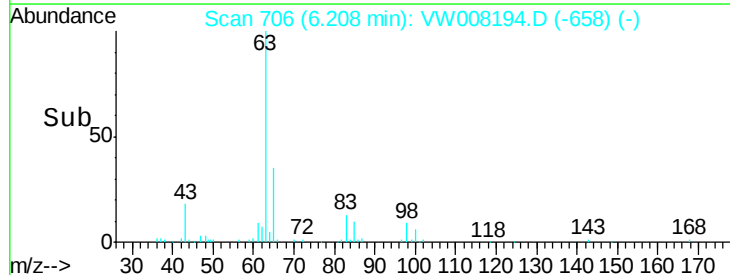
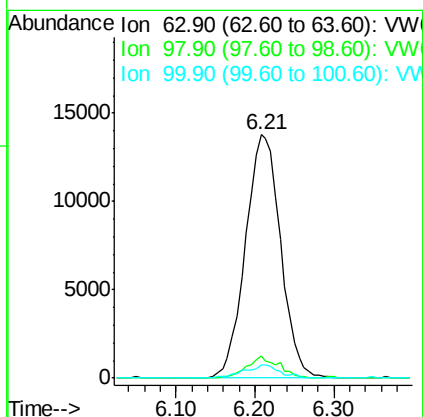
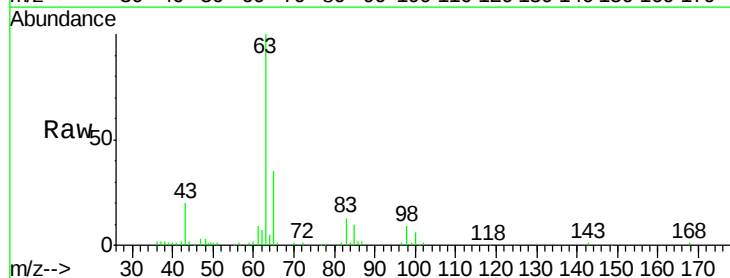
Tgt Ion: 63 Resp: 42629

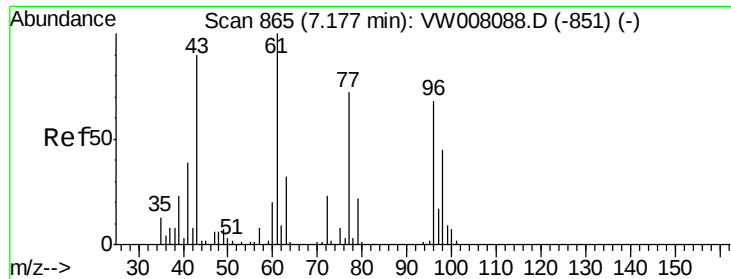
Ion Ratio Lower Upper

63 100

98 8.8 3.2 9.6

100 5.6 2.0 6.0





#25

2-Butanone

Concen: 90.223 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW008194.D

Acq: 11 Jan 2019 15:21

Instrument :

MSVOA_W

ClientSampleId :

VW0111SBS01

Tot Ion: 43 Resp: 28748

Ion Ratio Lower Upper

43 100

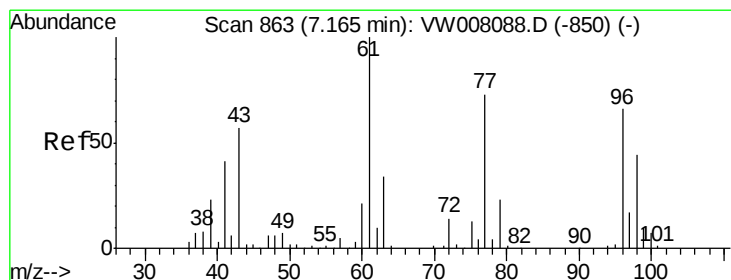
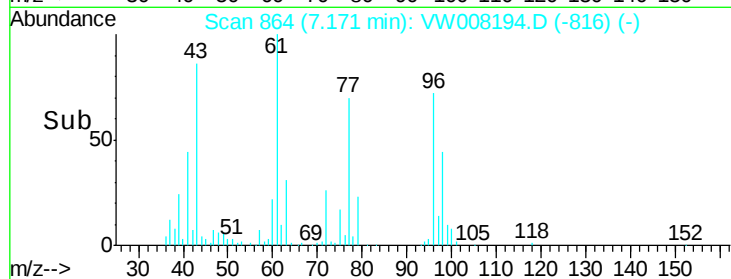
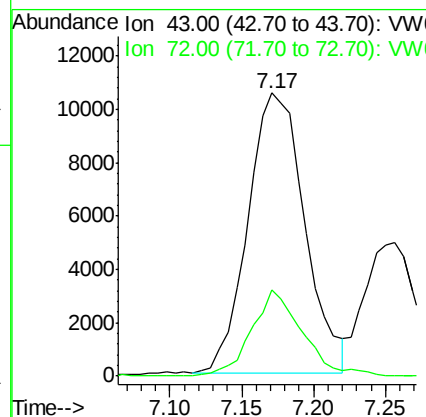
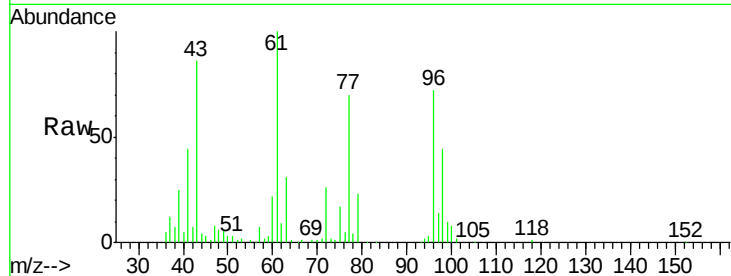
72 30.7 20.5 30.7

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 18.677 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW008194.D

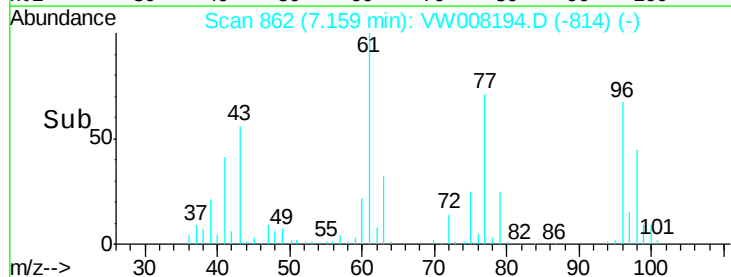
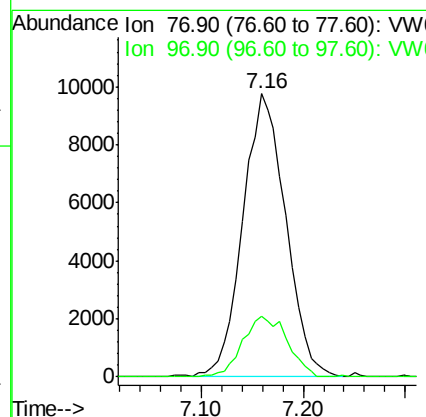
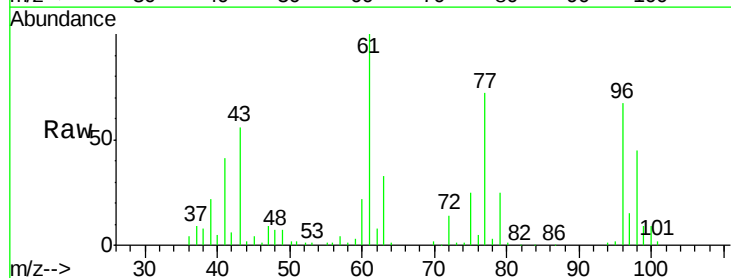
Acq: 11 Jan 2019 15:21

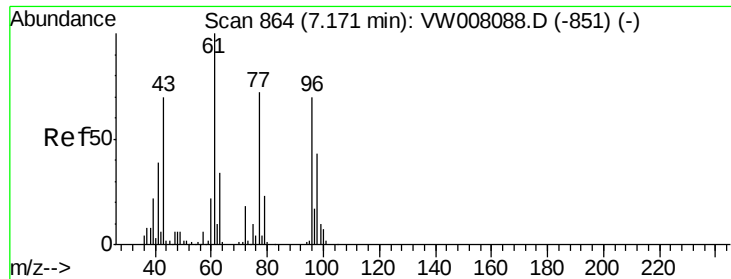
Tgt Ion: 77 Resp: 28490

Ion Ratio Lower Upper

77 100

97 22.3 11.4 34.1





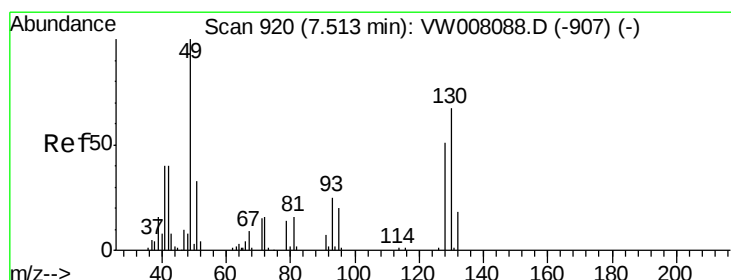
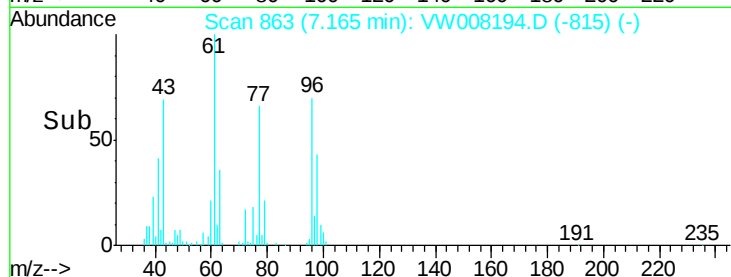
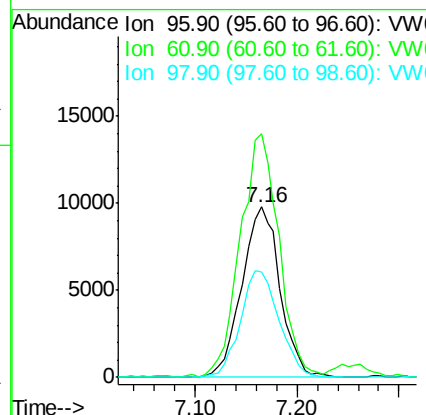
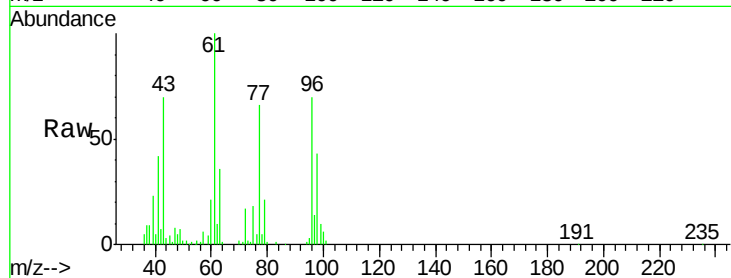
#27
 cis-1,2-Dichloroethene
 Concen: 19.220 ug/l
 RT: 7.16 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VW008194.D
 Acq: 11 Jan 2019 15:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0111SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	145.1	0.0	300.4
98	63.5	0.0	128.4

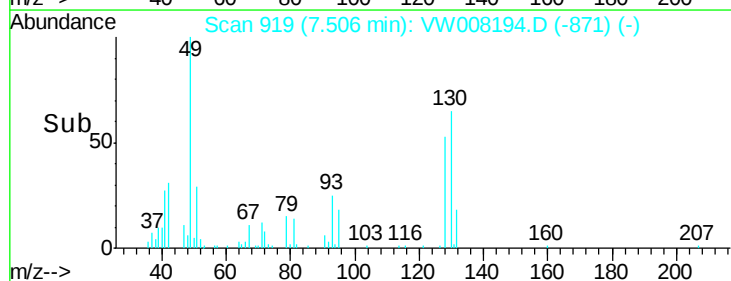
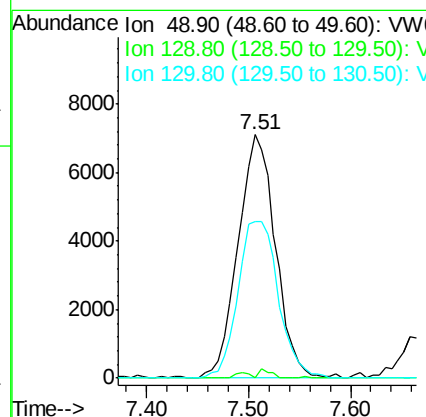
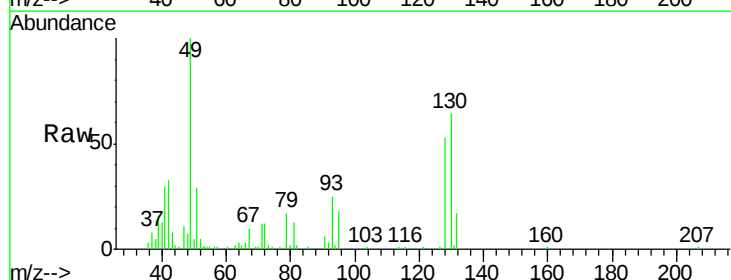
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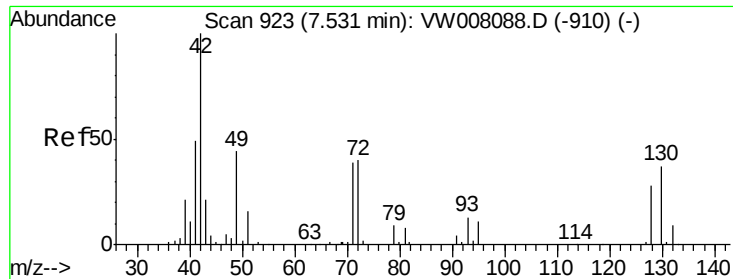
apatel
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#28
 Bromochloromethane
 Concen: 20.332 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VW008194.D
 Acq: 11 Jan 2019 15:21

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.2	0.0	2.8
130	69.6	54.3	81.5





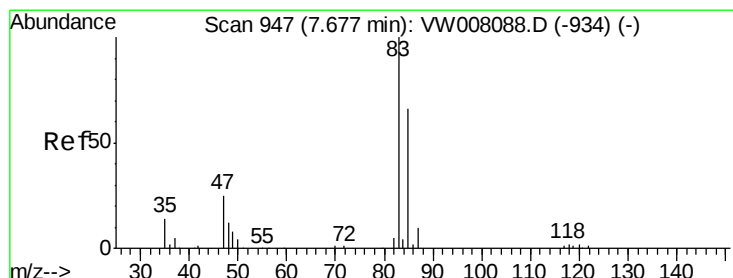
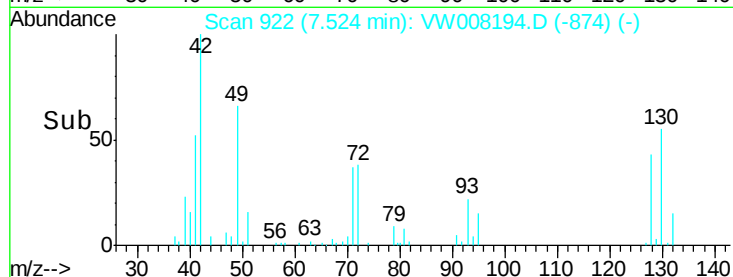
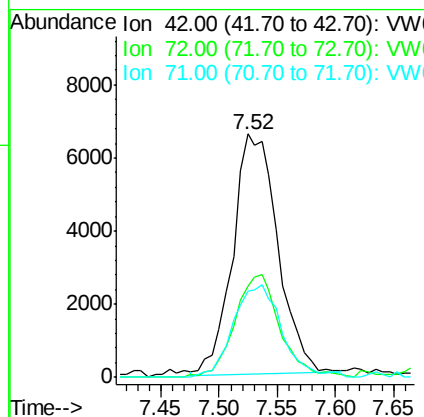
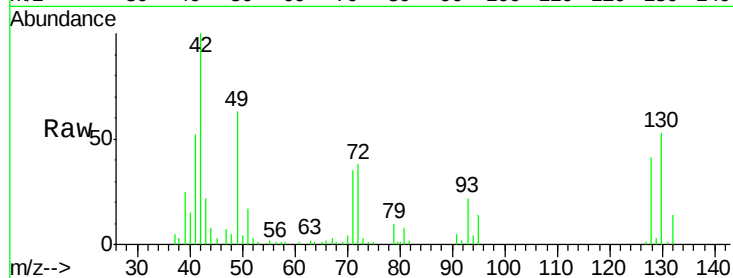
#29
Tetrahydrofuran
Concen: 82.804 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW008194.D
Acq: 11 Jan 2019 15:21

Instrument :
MSVOA_W
ClientSampleId :
VW0111SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.2	32.4	48.6
71	41.5	31.3	46.9

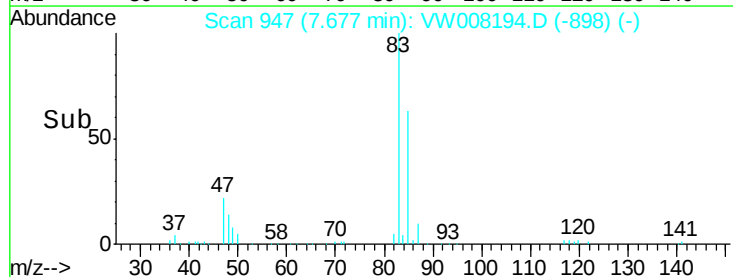
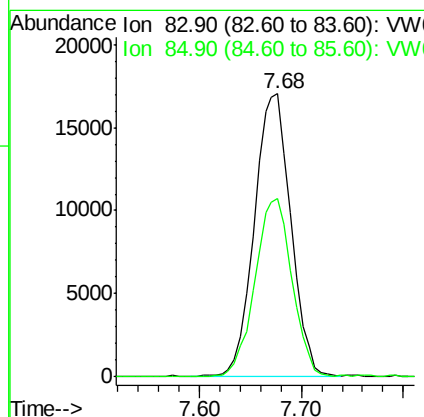
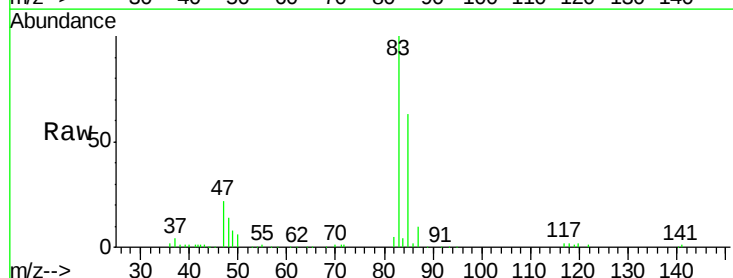
Manual Integrations
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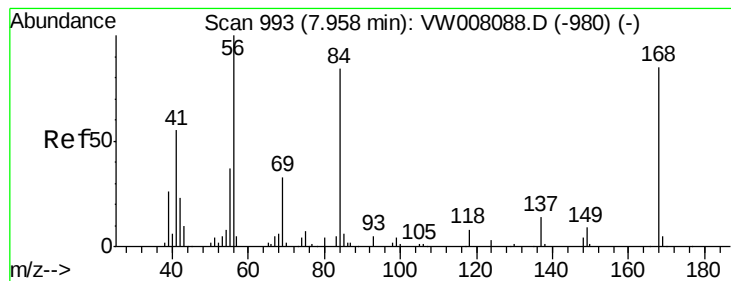
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#30
Chloroform
Concen: 19.826 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW008194.D
Acq: 11 Jan 2019 15:21

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.9	53.2	79.8





#31

Cyclohexane

Concen: 17.659 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW008194.D

Acq: 11 Jan 2019 15:21

Instrument :

MSVOA_W

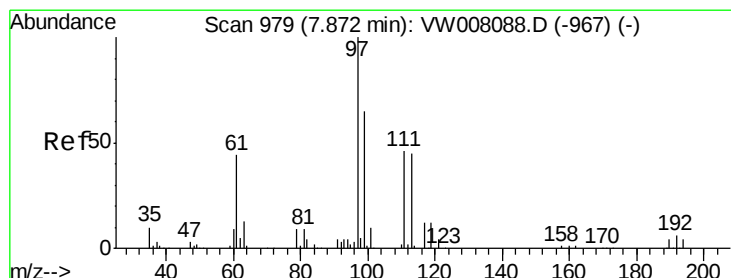
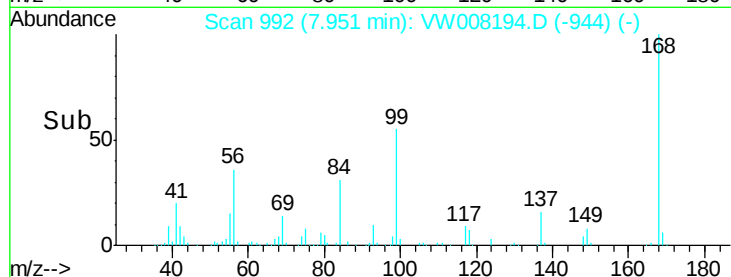
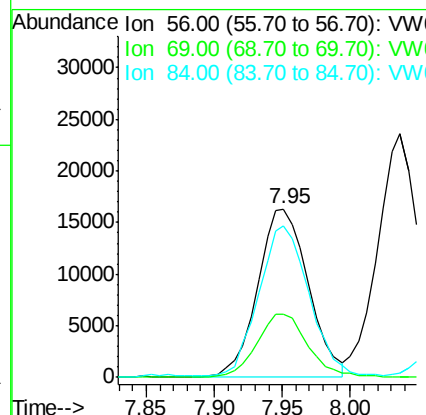
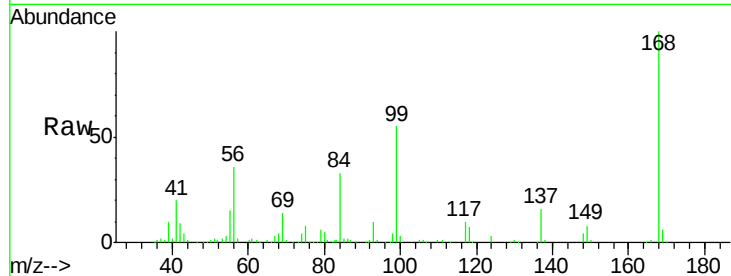
ClientSampleId :

VW0111SBS01

Tot Ion:	56	Resp:	42560
Ion	Ratio	Lower	Upper
56	100		
69	37.8	26.2	39.4
84	88.9	67.4	101.2

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#32

1,1,1-Trichloroethane

Concen: 19.077 ug/l

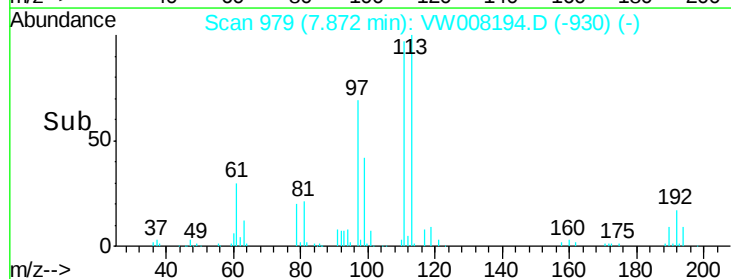
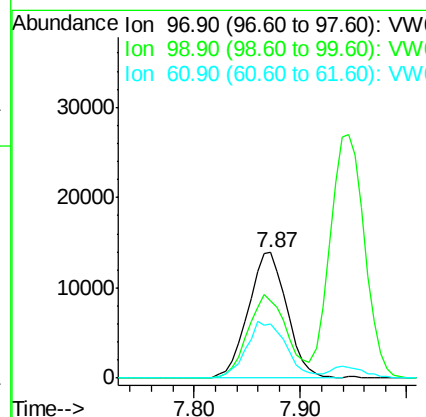
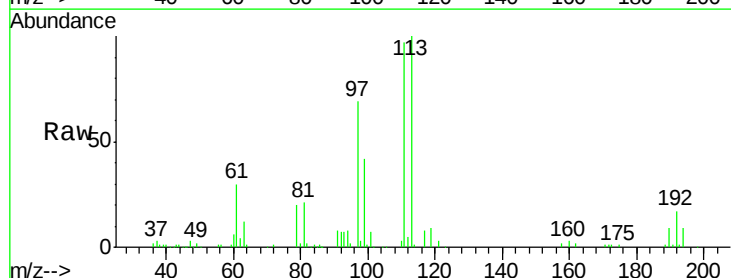
RT: 7.87 min Scan# 979

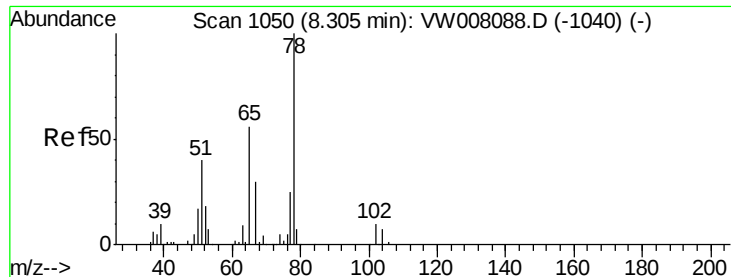
Delta R.T. -0.00 min

Lab File: VW008194.D

Acq: 11 Jan 2019 15:21

Tgt Ion:	97	Resp:	35571
Ion	Ratio	Lower	Upper
97	100		
99	67.7	51.4	77.0
61	46.1	35.6	53.4





#33

1,2-Dichloroethane-d4

Concen: 46.857 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW008194.D

Acq: 11 Jan 2019 15:21

Instrument :

MSVOA_W

ClientSampled :

VW0111SBS01

Tot Ion: 65 Resp: 53661

Ion Ratio Lower Upper

65 100

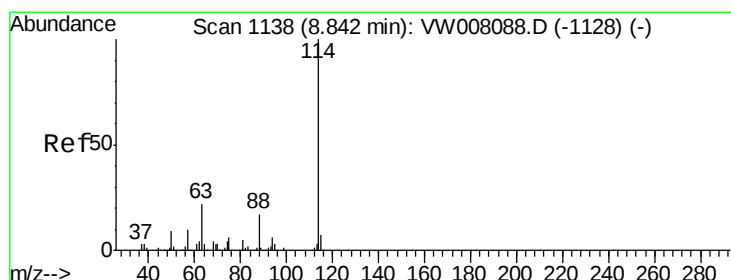
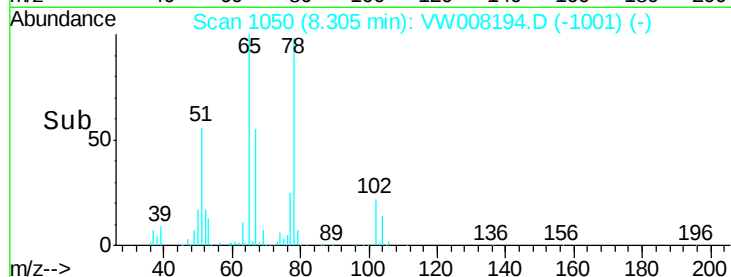
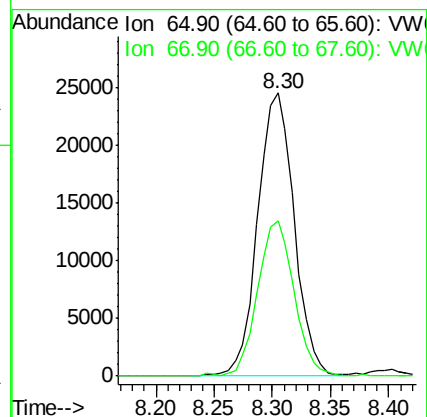
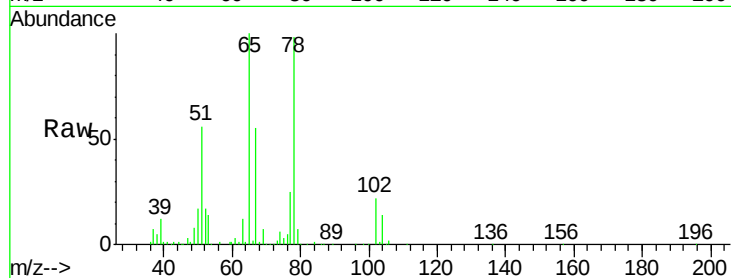
67 54.5 0.0 106.8

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW008194.D

Acq: 11 Jan 2019 15:21

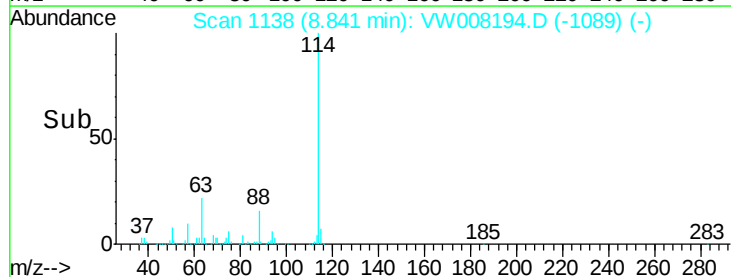
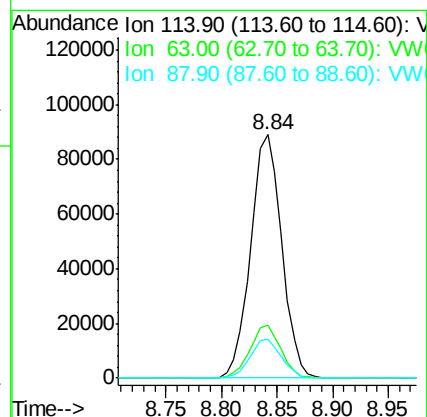
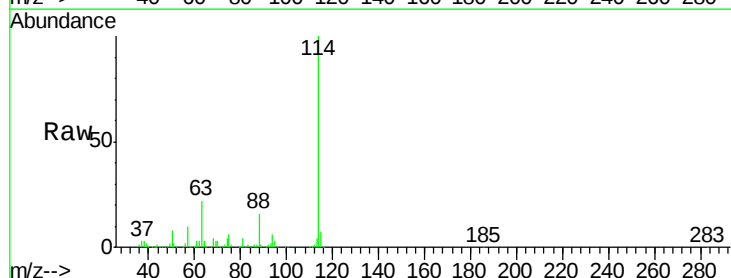
Tgt Ion: 114 Resp: 173181

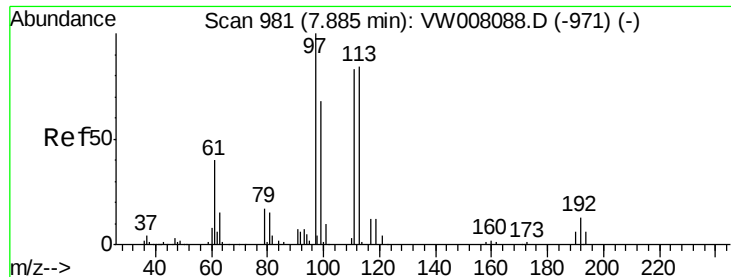
Ion Ratio Lower Upper

114 100

63 21.6 0.0 43.4

88 15.8 0.0 33.4





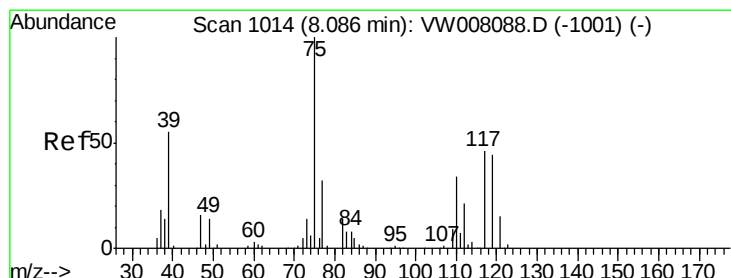
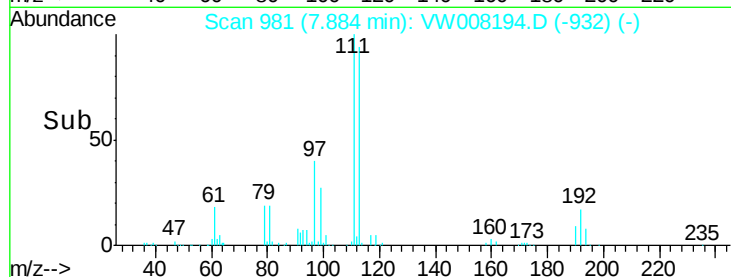
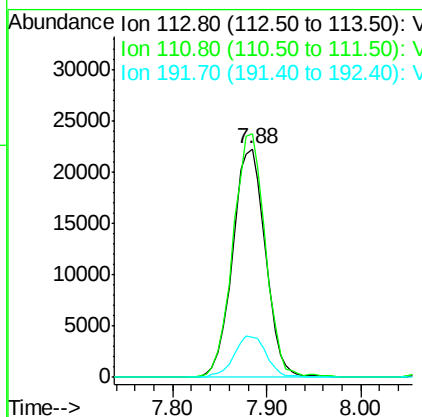
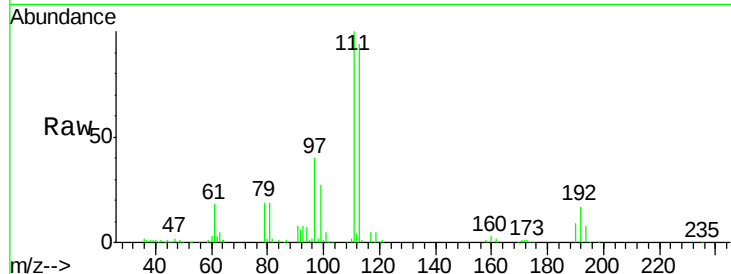
#35
 Dibromofluoromethane
 Concen: 53.191 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW008194.D
 Acq: 11 Jan 2019 15:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0111SBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	105.3	81.8	122.8
192	17.9	12.8	19.2

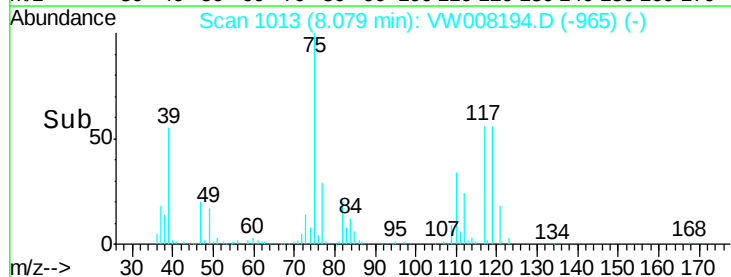
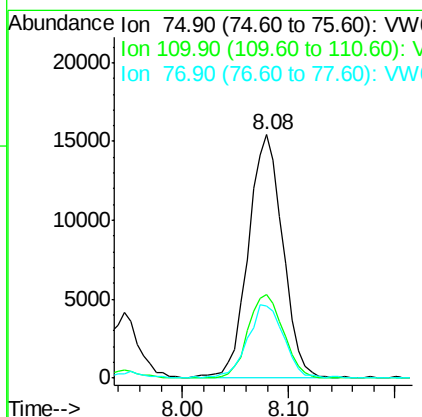
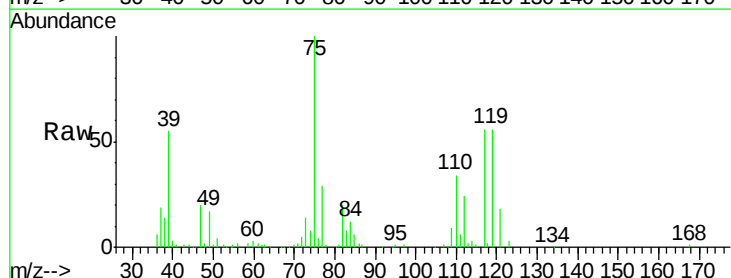
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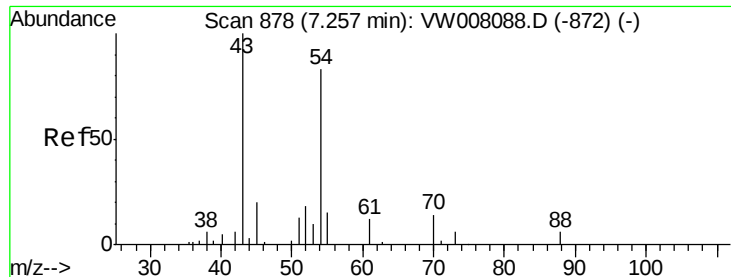
apatel
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#36
 1,1-Dichloropropene
 Concen: 19.676 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.01 min
 Lab File: VW008194.D
 Acq: 11 Jan 2019 15:21

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.3	17.1	51.3
77	31.8	25.5	38.3





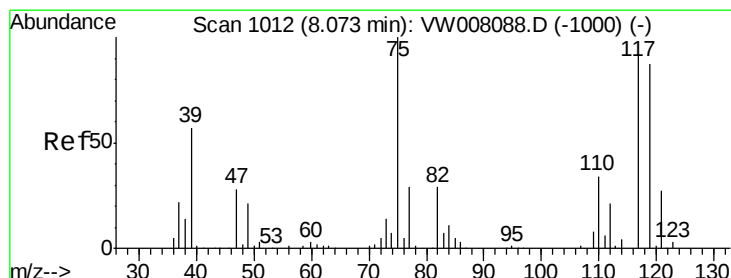
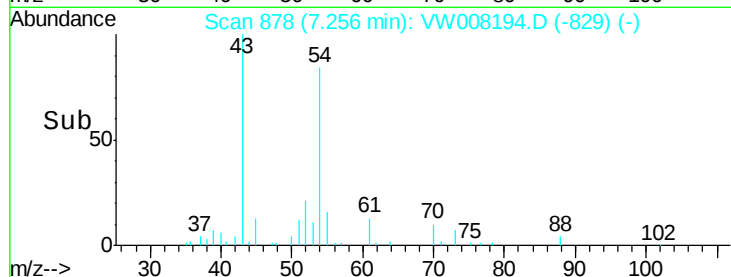
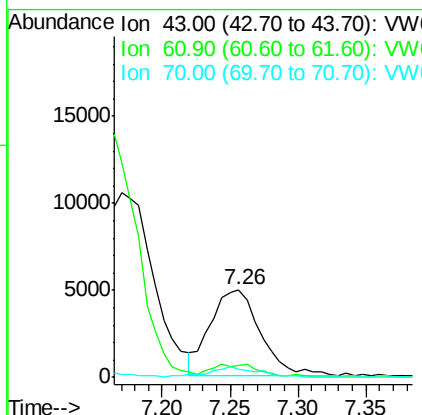
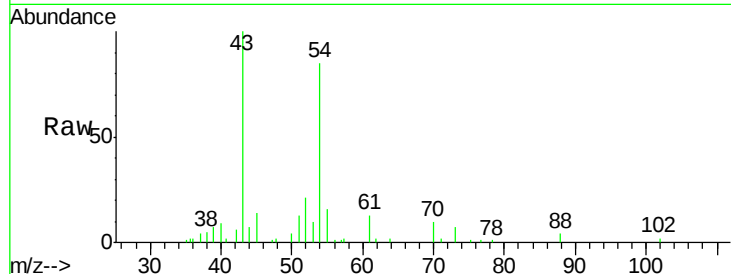
#37
Ethyl Acetate
Concen: 17.673 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.00 min
Lab File: VW008194.D
Acq: 11 Jan 2019 15:21

Instrument :
MSVOA_W
ClientSampleId :
VW0111SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.3	10.6	16.0
70	12.0	8.9	13.3

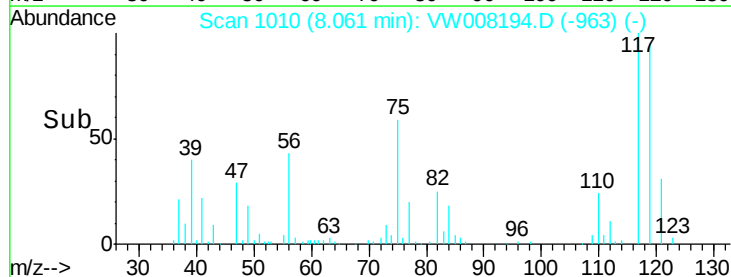
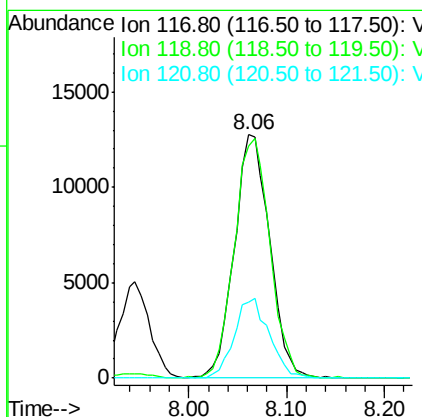
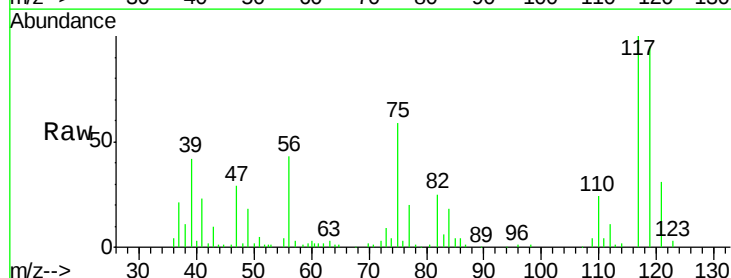
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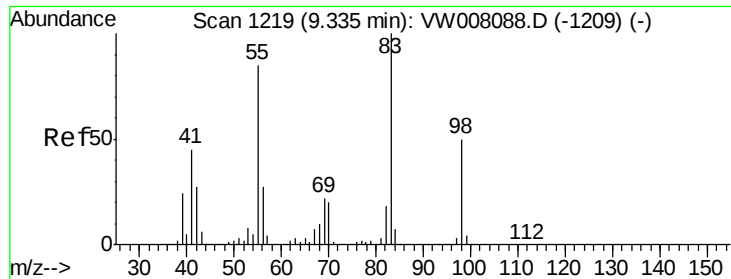
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#38
Carbon Tetrachloride
Concen: 19.586 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW008194.D
Acq: 11 Jan 2019 15:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.8	75.8	113.8
121	31.1	23.7	35.5





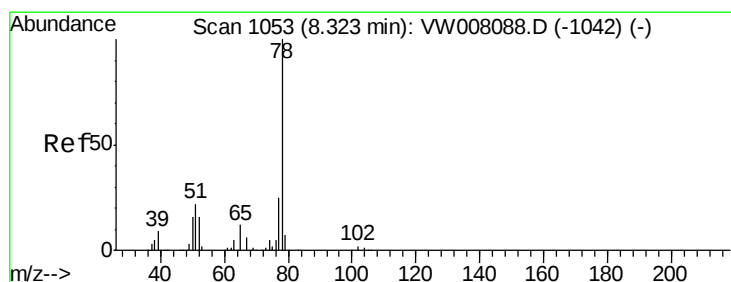
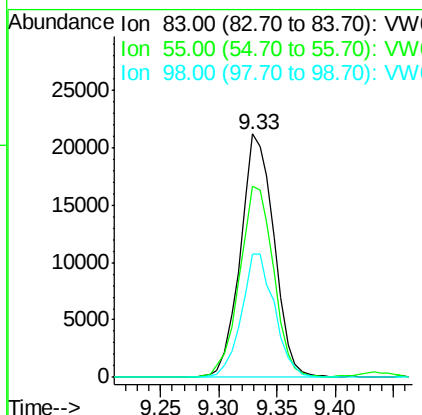
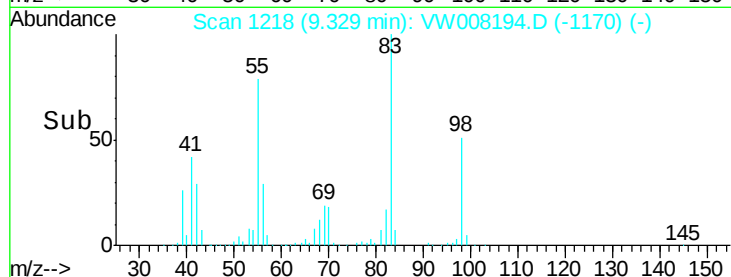
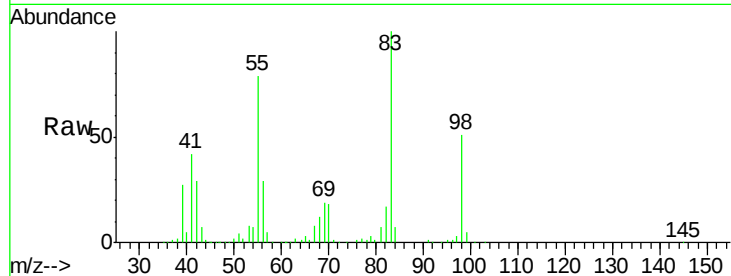
#39
Methvlcvclohexane
Concen: 18.855 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW008194.D
Acq: 11 Jan 2019 15:21

Instrument :
MSVOA_W
ClientSampleId :
VW0111SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.5	67.8	101.6
98	50.6	40.2	60.4

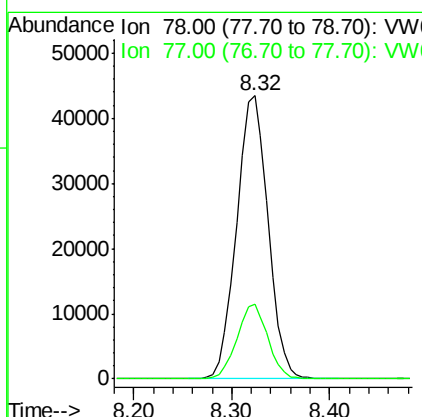
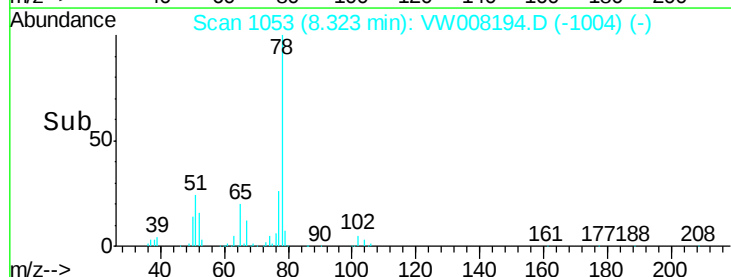
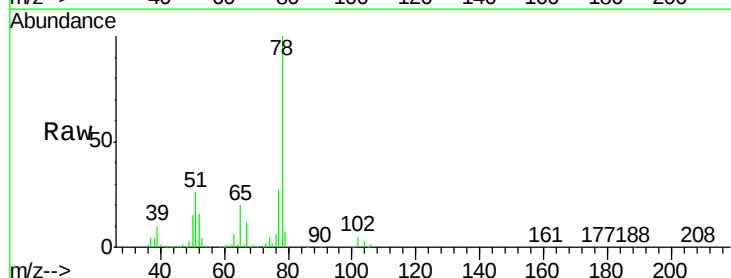
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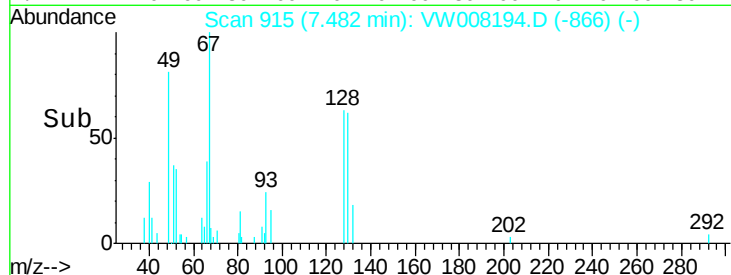
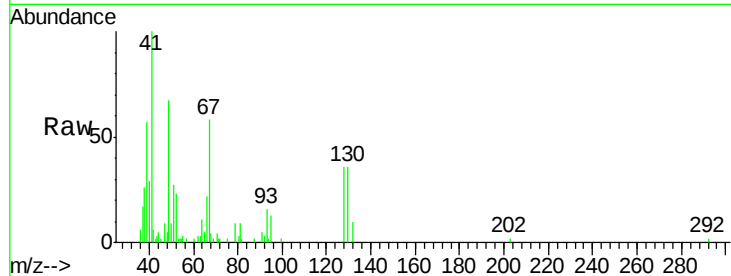
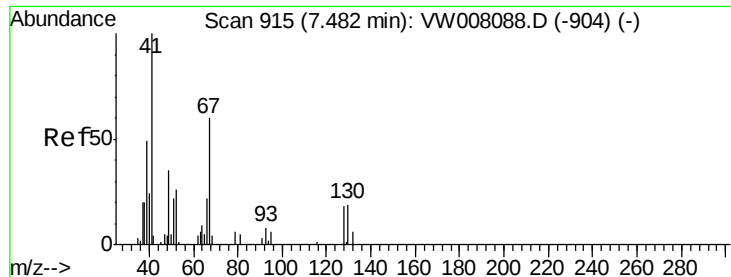
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#40
Benzene
Concen: 19.991 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW008194.D
Acq: 11 Jan 2019 15:21

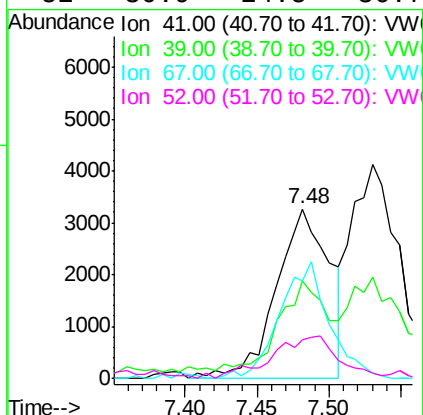
Tgt Ion	Ratio	Lower	Upper
78	100		
77	26.5	20.2	30.4





#41
Methacrylonitrile
Concen: 18.553 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW008194.D
Acq: 11 Jan 2019 15:21

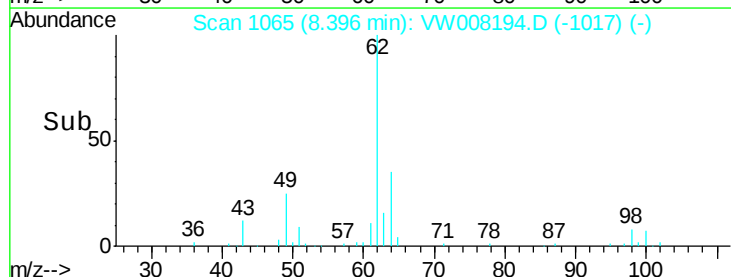
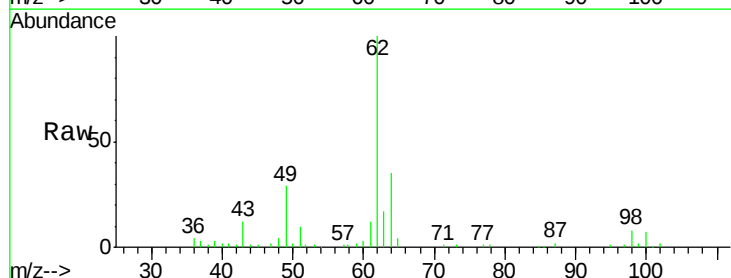
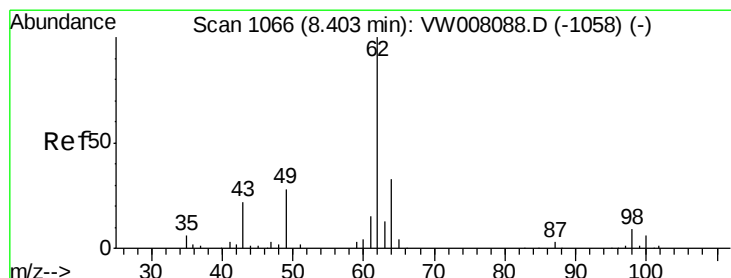
Tot Ion	41	Resp:	8376
Ion	Ratio	Lower	Upper
41	100		
39	50.8	47.9	71.9
67	63.8	56.3	84.5
52	30.9	24.5	36.7



Instrument :
MSVOA_W
ClientSampleId :
VW0111SBS01

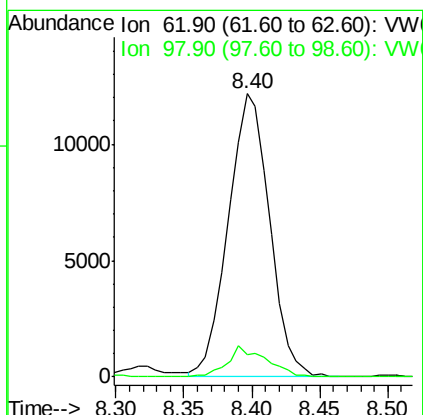
Manual Integrations
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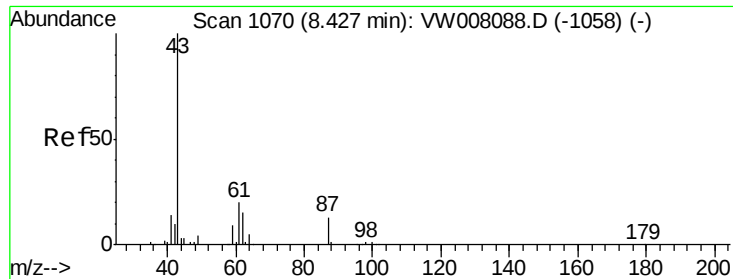
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#42
1,2-Dichloroethane
Concen: 18.950 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.01 min
Lab File: VW008194.D
Acq: 11 Jan 2019 15:21

Tgt Ion	62	Resp:	25789
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	18.6





#43

Isopropyl Acetate

Concen: 17.553 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW008194.D

Acq: 11 Jan 2019 15:21

Instrument :

MSVOA_W

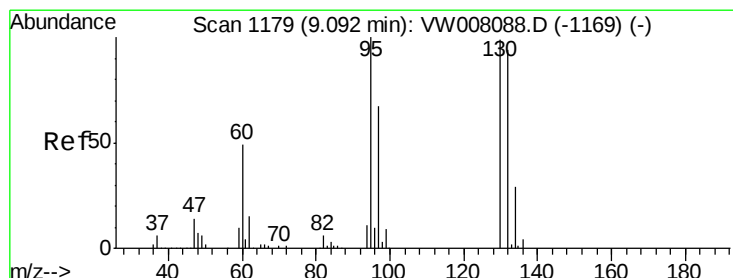
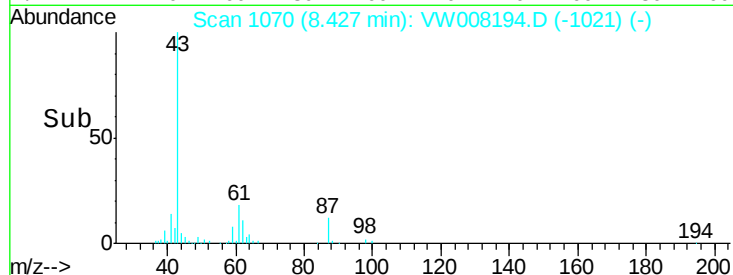
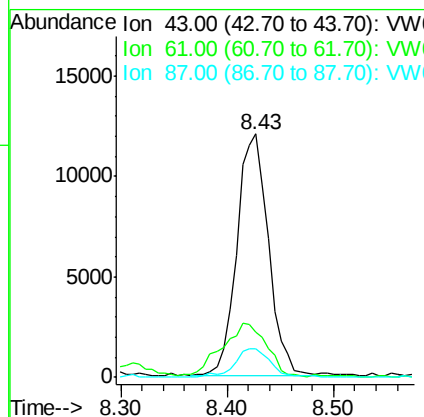
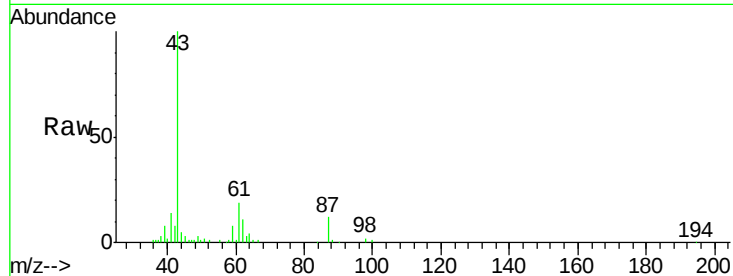
ClientSampleId :

VW0111SBS01

Tot Ion:	43	Resp:	25082
Ion	Ratio	Lower	Upper
43	100		
61	30.9	24.8	37.2
87	13.5	10.4	15.6

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#44

Trichloroethene

Concen: 20.280 ug/l

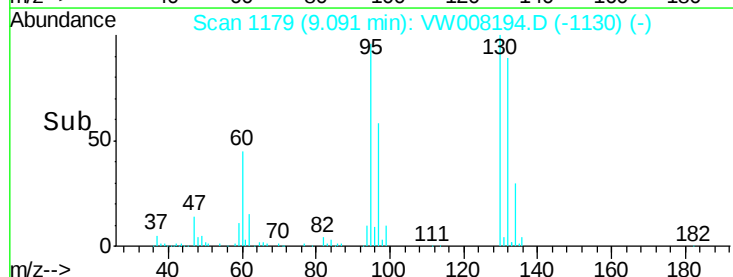
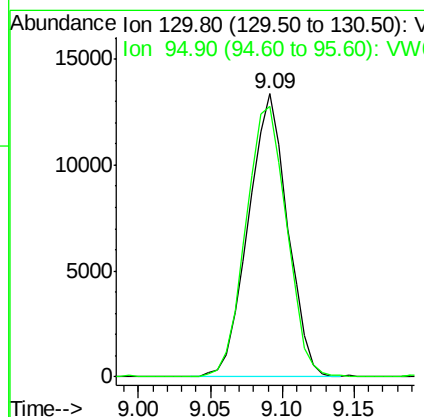
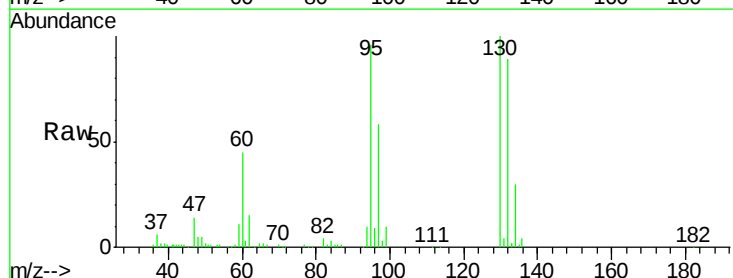
RT: 9.09 min Scan# 1179

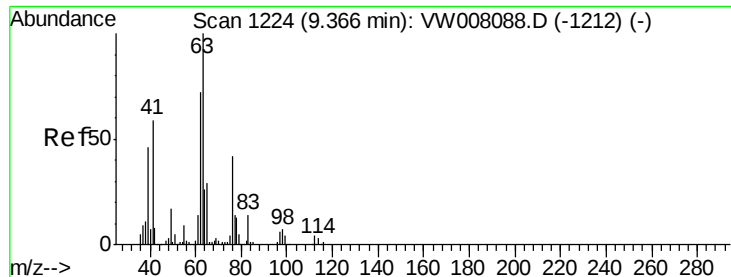
Delta R.T. -0.00 min

Lab File: VW008194.D

Acq: 11 Jan 2019 15:21

Tgt Ion:	130	Resp:	25119
Ion	Ratio	Lower	Upper
130	100		
95	95.7	0.0	202.8





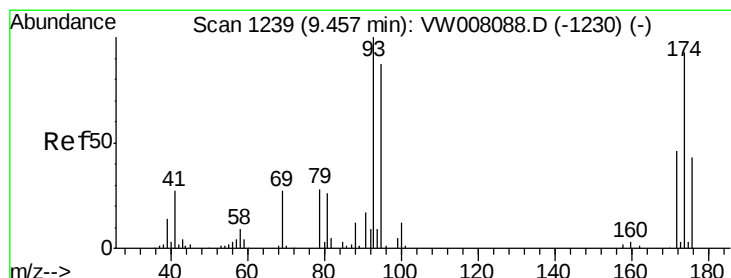
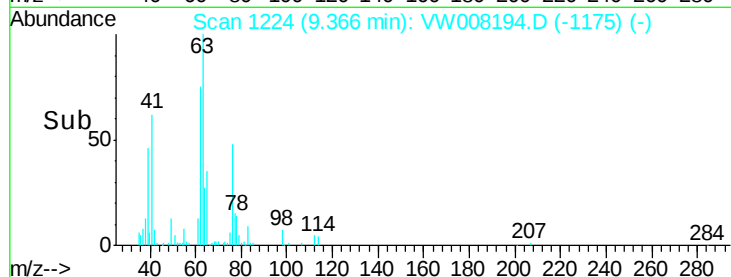
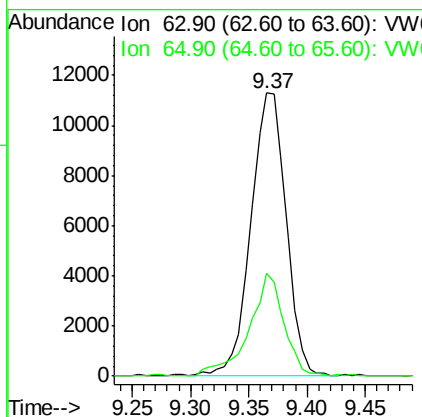
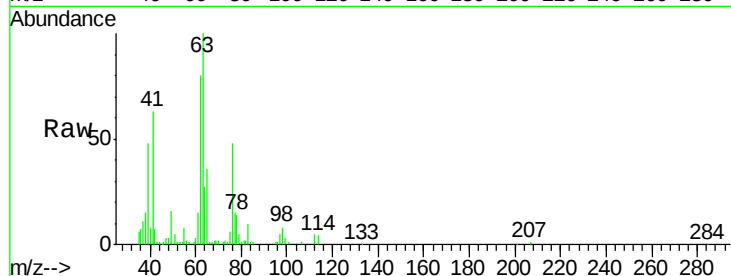
#45
 1,2-Dichloropropane
 Concen: 19.912 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW008194.D
 Acq: 11 Jan 2019 15:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0111SBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	36.3	23.3	34.9#

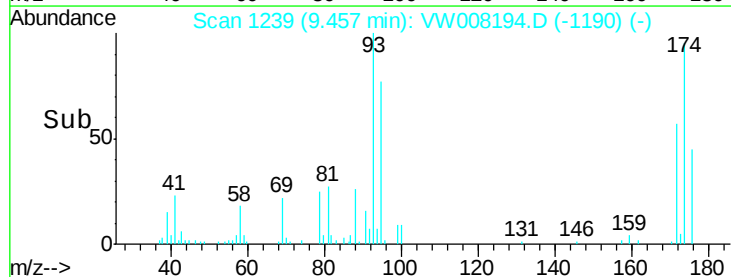
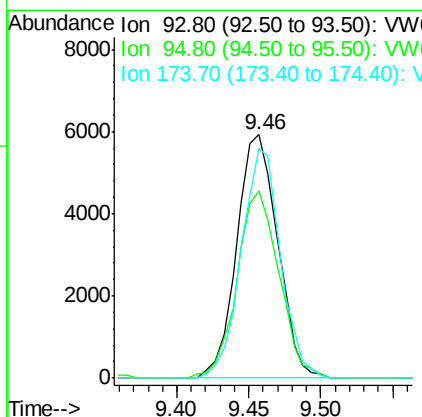
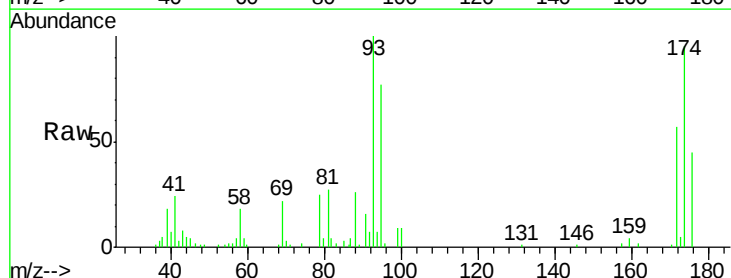
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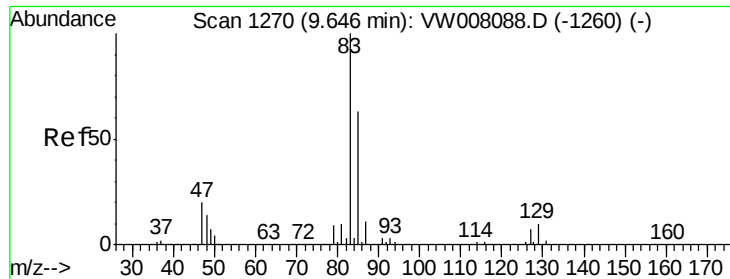
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#46
 Dibromomethane
 Concen: 19.830 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW008194.D
 Acq: 11 Jan 2019 15:21

Tgt Ion	Ratio	Lower	Upper
93	100		
95	78.9	67.5	101.3
174	90.4	72.5	108.7





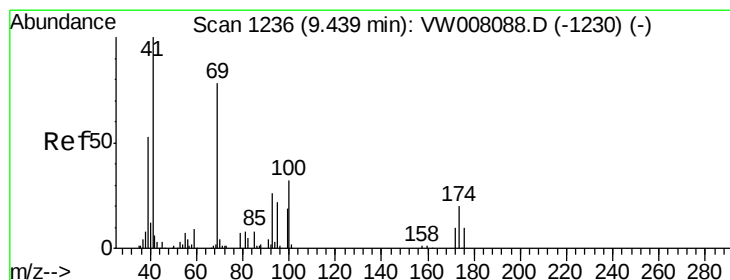
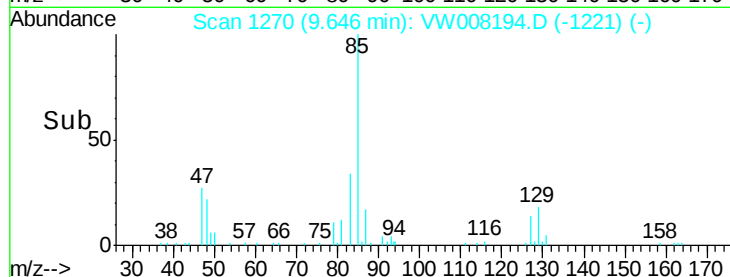
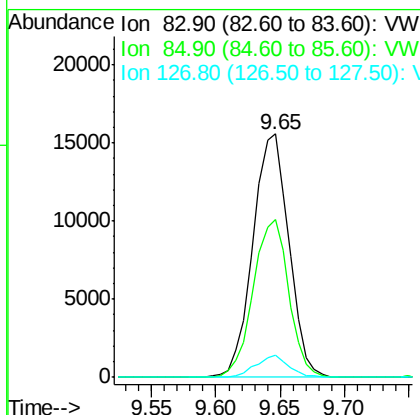
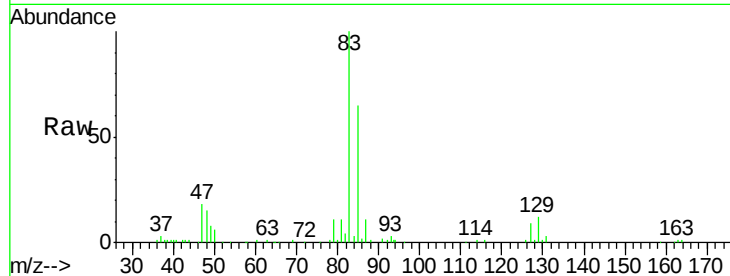
#47
Bromodichloromethane
Concen: 20.064 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VW008194.D
Acq: 11 Jan 2019 15:21

Instrument :
MSVOA_W
ClientSampleId :
VW0111SBS01

Tot Ion	83	Resp	30018
Ion Ratio	100	Lower	Upper
83	100		
85	64.6	50.7	76.1
127	9.0	6.0	9.0

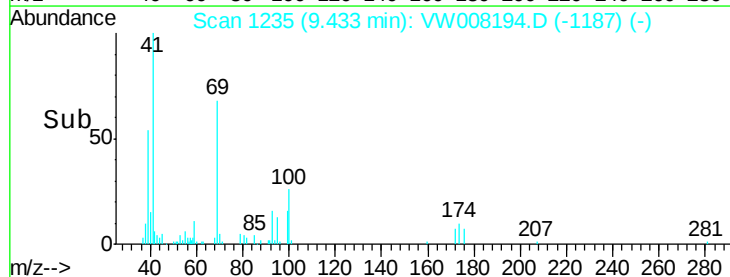
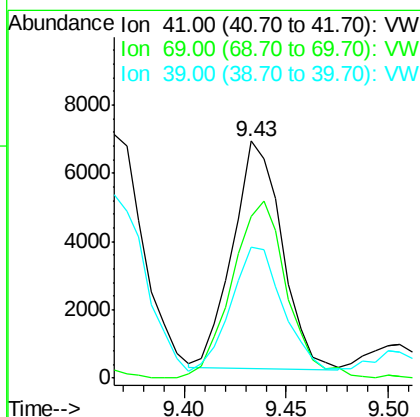
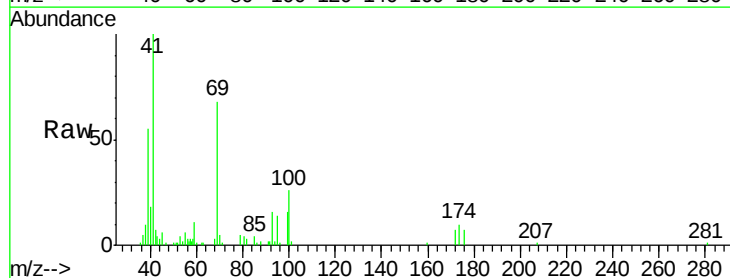
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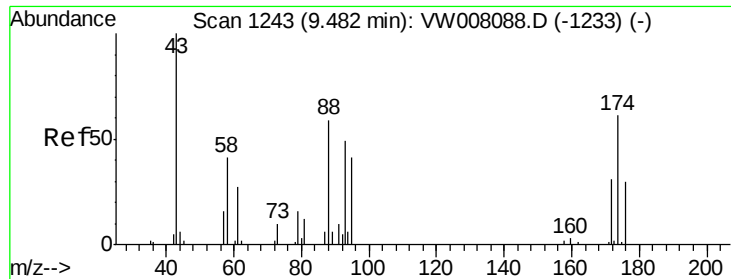
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#48
Methyl methacrylate
Concen: 16.569 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VW008194.D
Acq: 11 Jan 2019 15:21

Tgt Ion	41	Resp	11172
Ion Ratio	100	Lower	Upper
41	100		
69	86.8	61.9	92.9
39	58.8	43.0	64.4





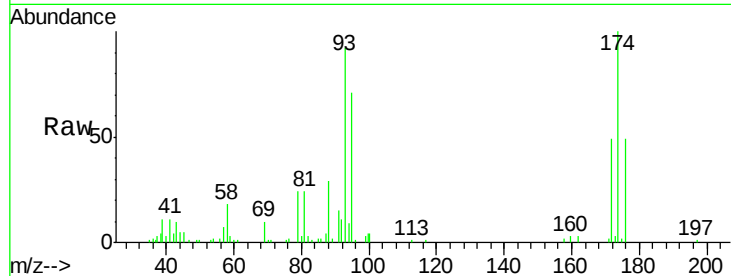
#49
1,4-Dioxane
Concen: 367.369 ug/l
RT: 9.46 min Scan# 1240
Delta R.T. -0.02 min
Lab File: VW008194.D
Acq: 11 Jan 2019 15:21

Instrument :
MSVOA_W
ClientSampled :
VW0111SBS01

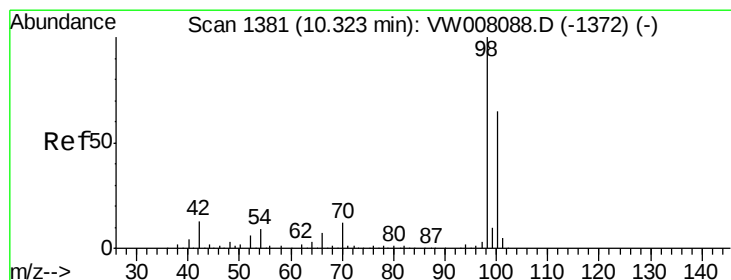
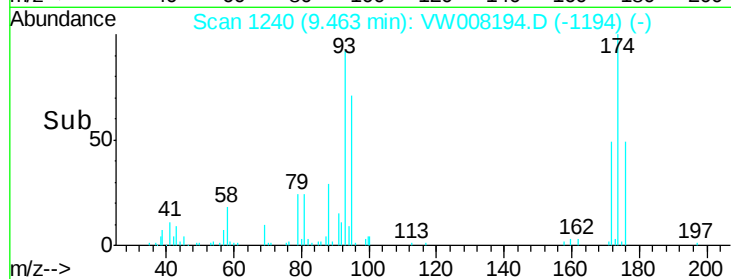
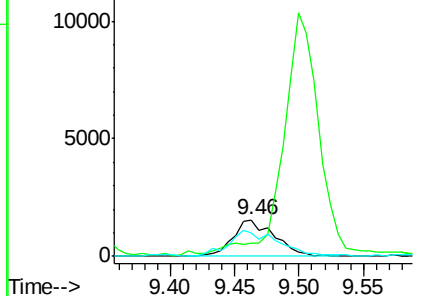
Tot Ion	88	Resp	3481
Ion	Ratio	Lower	Upper
88	100		
43	20.4	0.0	0.0#
58	85.0	61.7	92.5

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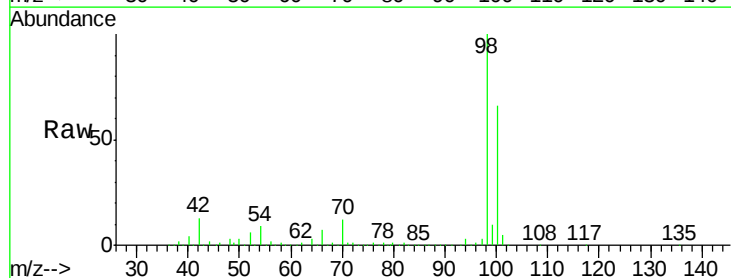


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

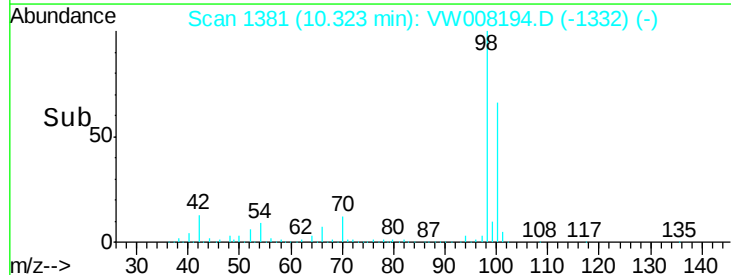
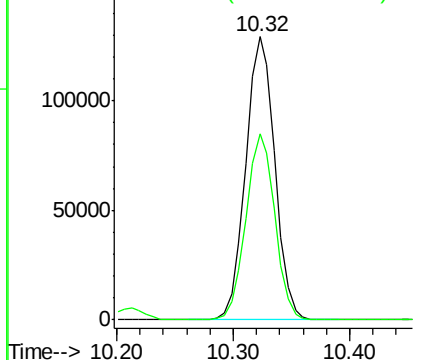


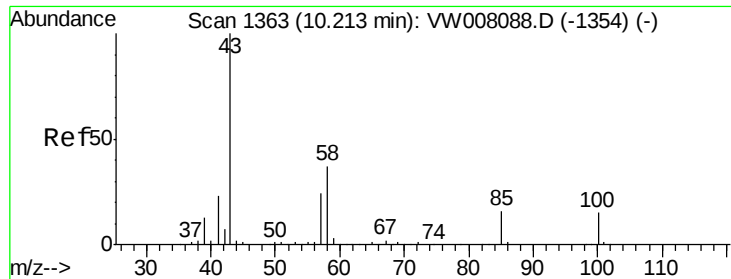
#50
Toluene-d8
Concen: 53.128 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW008194.D
Acq: 11 Jan 2019 15:21

Tgt Ion	98	Resp	225190
Ion	Ratio	Lower	Upper
98	100		
100	65.1	51.7	77.5



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 87.624 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW008194.D

Acq: 11 Jan 2019 15:21

Instrument :

MSVOA_W

ClientSampled :

VW0111SBS01

Tot Ion: 43 Resp: 60609

Ion Ratio Lower Upper

43 100

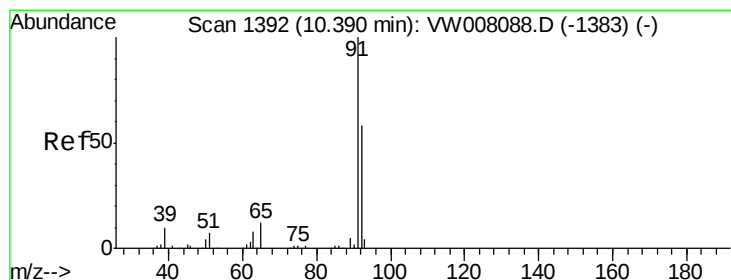
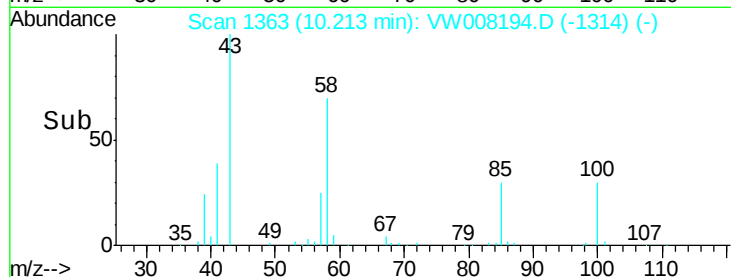
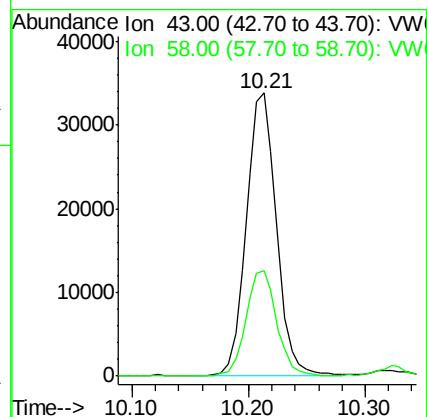
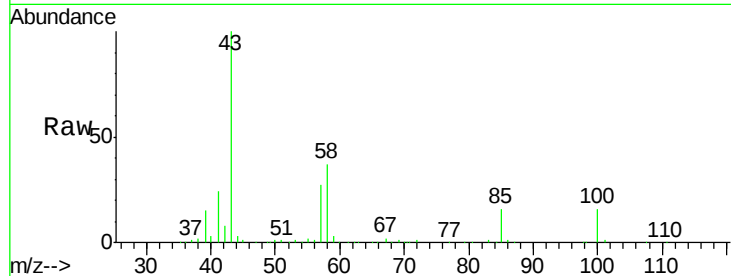
58 38.5 30.6 46.0

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#52

Toluene

Concen: 19.663 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW008194.D

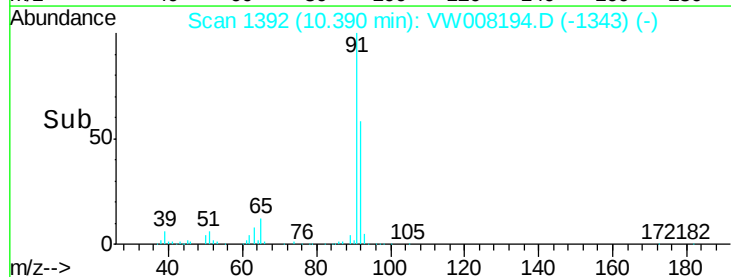
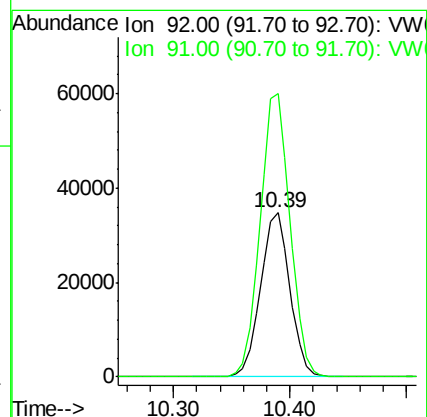
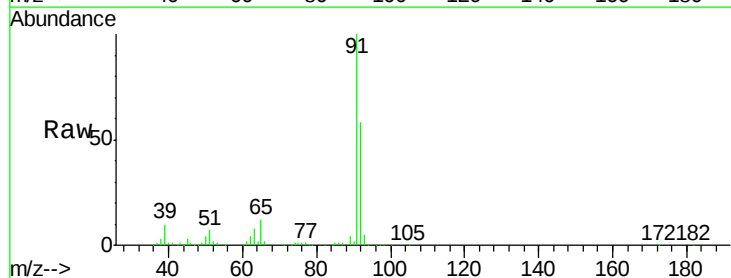
Acq: 11 Jan 2019 15:21

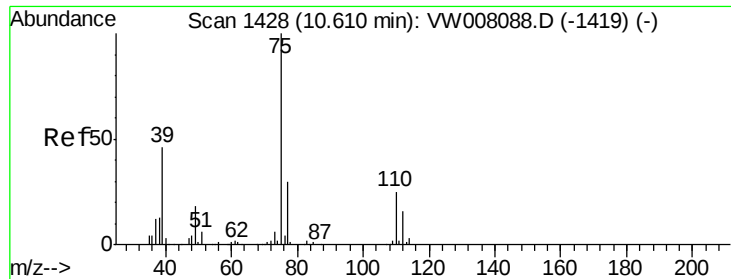
Tgt Ion: 92 Resp: 60759

Ion Ratio Lower Upper

92 100

91 175.6 137.0 205.4





#53

t-1,3-Dichloropropene

Concen: 18.691 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.01 min

Lab File: VW008194.D

Acq: 11 Jan 2019 15:21

Instrument :

MSVOA_W

ClientSampleId :

VW0111SBS01

Tot Ion: 75 Resp: 29088

Ion Ratio Lower Upper

75 100

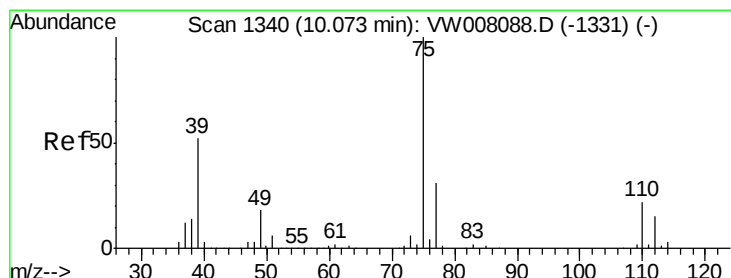
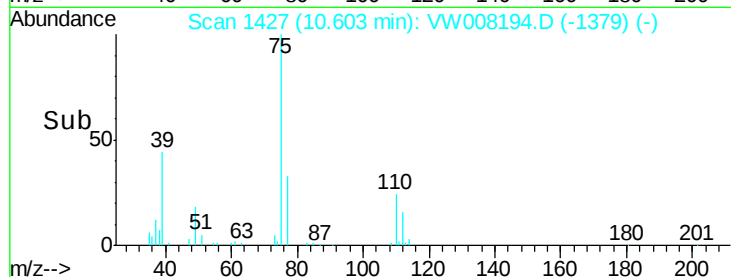
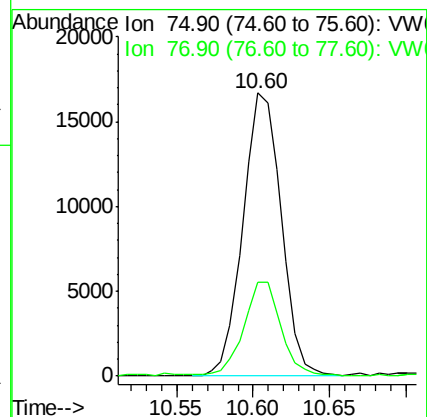
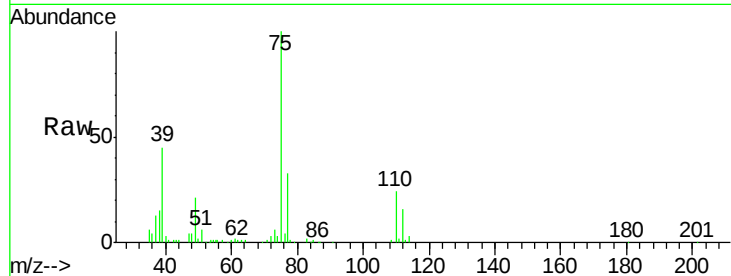
77 33.4 24.4 36.6

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#54

cis-1,3-Dichloropropene

Concen: 19.046 ug/l

RT: 10.07 min Scan# 1339

Delta R.T. -0.01 min

Lab File: VW008194.D

Acq: 11 Jan 2019 15:21

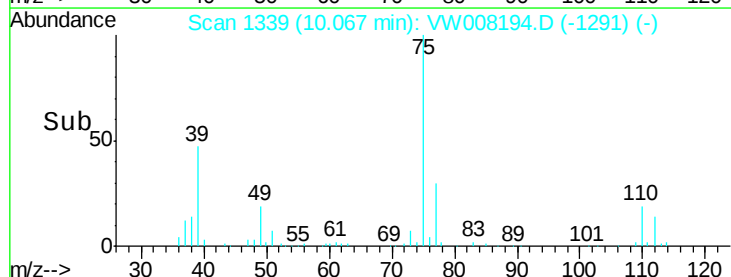
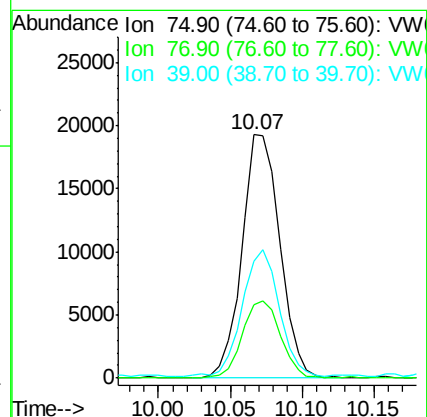
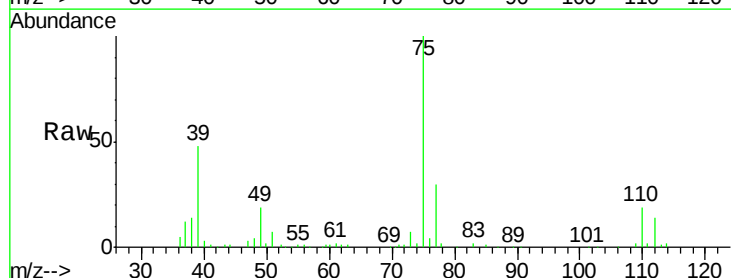
Tgt Ion: 75 Resp: 35148

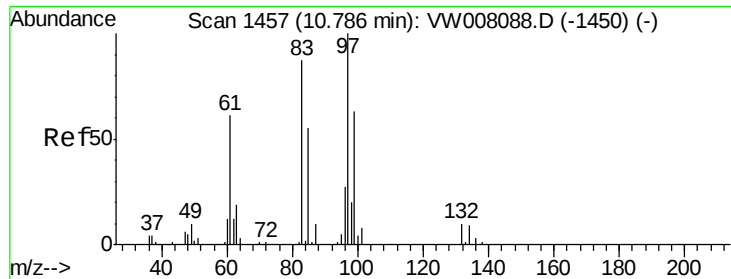
Ion Ratio Lower Upper

75 100

77 29.9 25.2 37.8

39 46.8 41.4 62.0





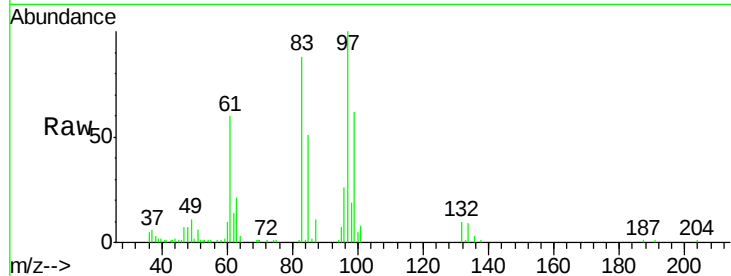
#55
 1,1,2-Trichloroethane
 Concen: 19.584 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW008194.D
 Acq: 11 Jan 2019 15:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0111SBS01

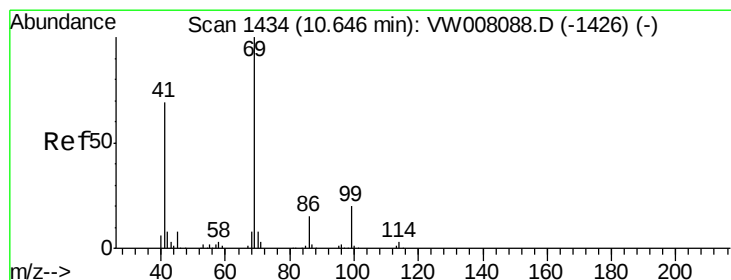
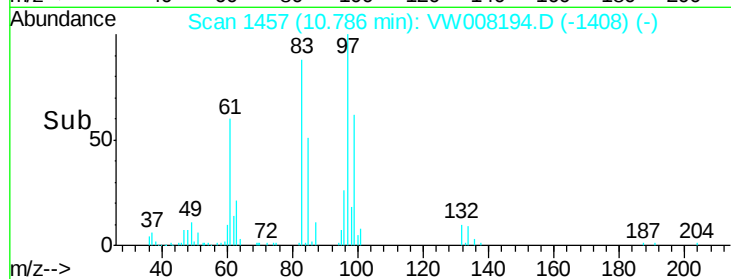
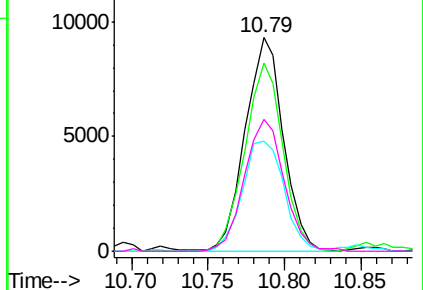
Tot Ion:	97	Resp:	16201
Ion	Ratio	Lower	Upper
97	100		
83	88.3	69.3	103.9
85	51.3	43.8	65.6
99	61.5	50.0	75.0

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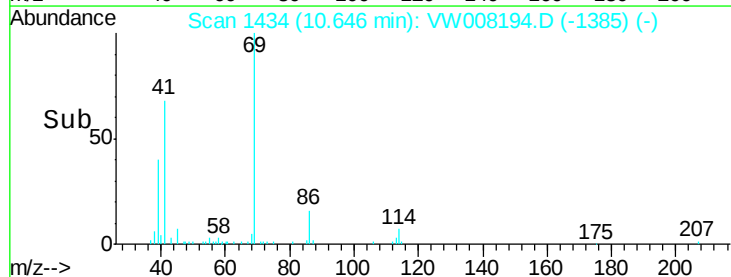
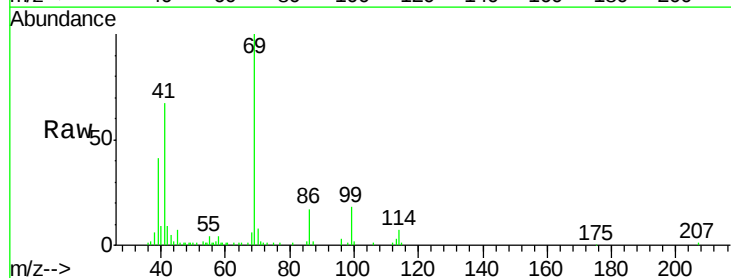
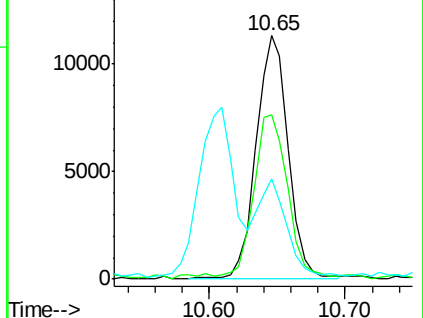
Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

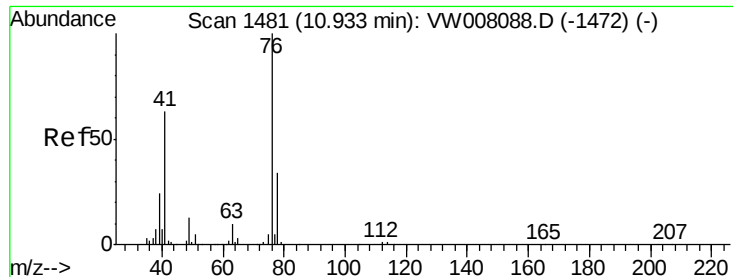


#56
 Ethyl methacrylate
 Concen: 18.265 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW008194.D
 Acq: 11 Jan 2019 15:21

Tgt Ion:	69	Resp:	18712
Ion	Ratio	Lower	Upper
69	100		
41	69.1	56.4	84.6
39	36.5	28.1	42.1

Abundance Ion 69.00 (68.70 to 69.70): VW
 Ion 41.00 (40.70 to 41.70): VW
 Ion 39.00 (38.70 to 39.70): VW





#57

1,3-Dichloropropane

Concen: 18.893 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.00 min

Lab File: VW008194.D

Acq: 11 Jan 2019 15:21

Instrument :

MSVOA_W

ClientSampleId :

VW0111SBS01

Tot Ion: 76 Resp: 28584

Ion Ratio Lower Upper

76 100

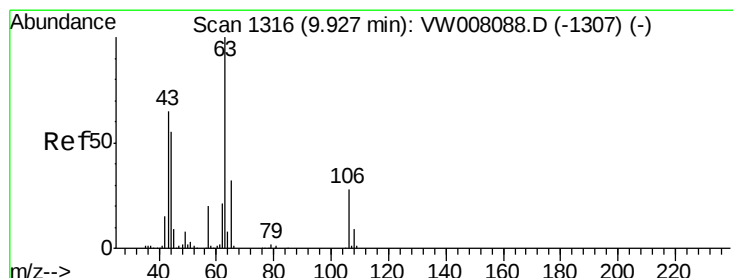
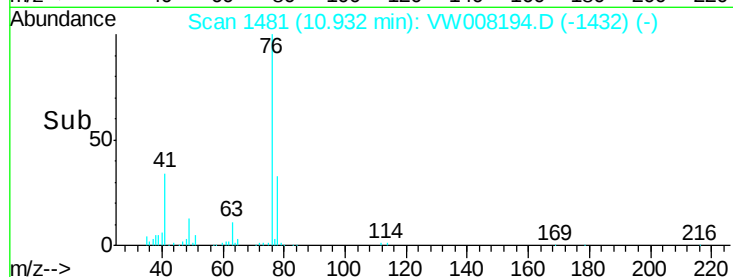
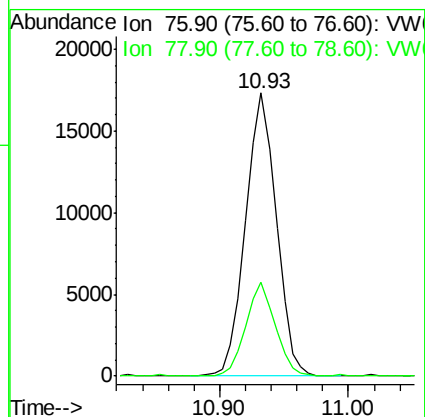
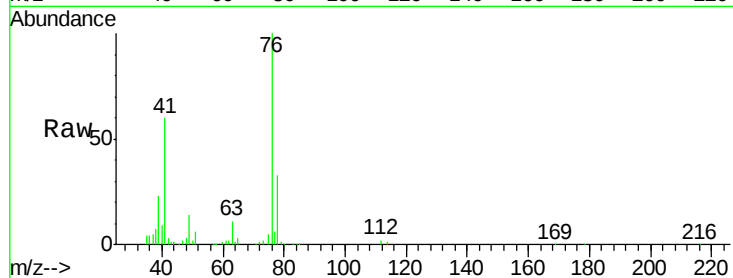
78 31.8 25.7 38.5

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#58

2-Chloroethyl Vinyl ether

Concen: 100.800 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. -0.01 min

Lab File: VW008194.D

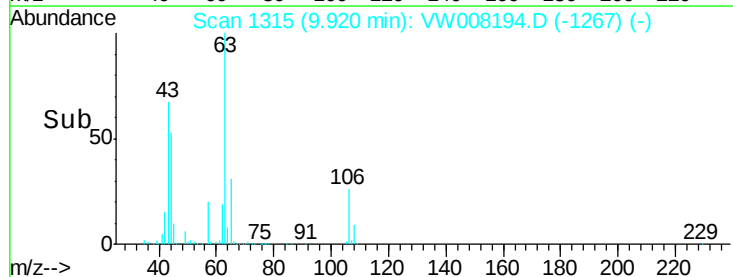
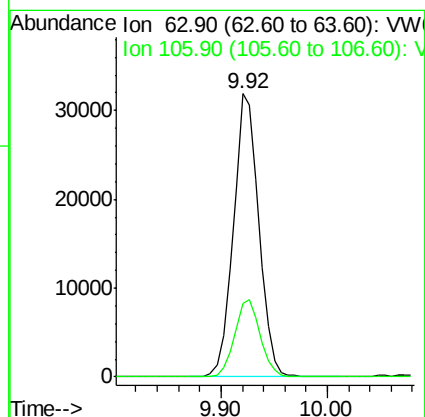
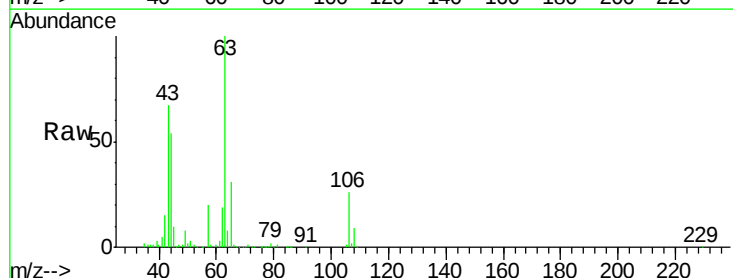
Acq: 11 Jan 2019 15:21

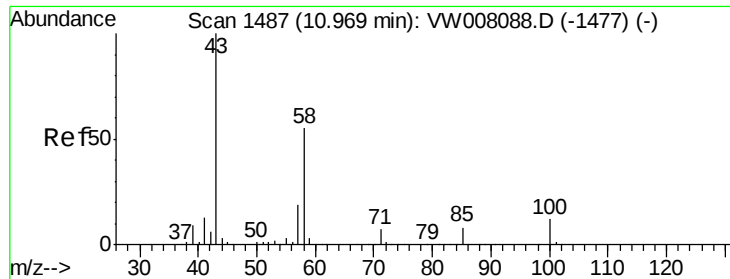
Tgt Ion: 63 Resp: 53342

Ion Ratio Lower Upper

63 100

106 27.4 21.8 32.6





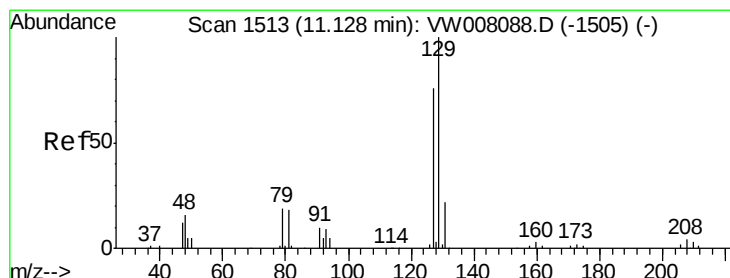
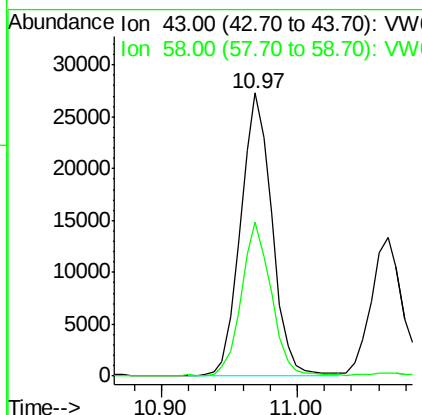
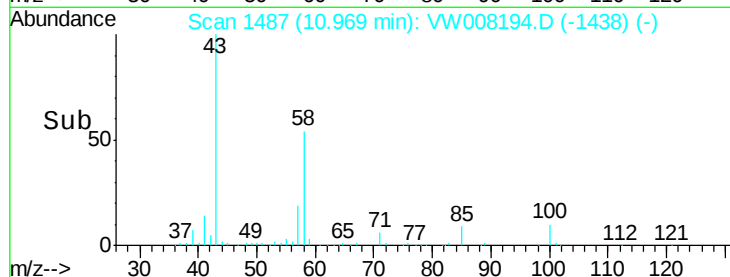
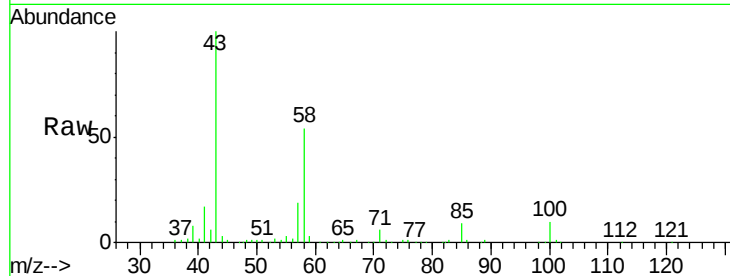
#59
2-Hexanone
Concen: 94.598 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW008194.D
Acq: 11 Jan 2019 15:21

Instrument :
MSVOA_W
ClientSampleId :
VW0111SBS01

Tot Ion: 43 Resp: 44249
Ion Ratio Lower Upper
43 100
58 51.1 27.2 81.5

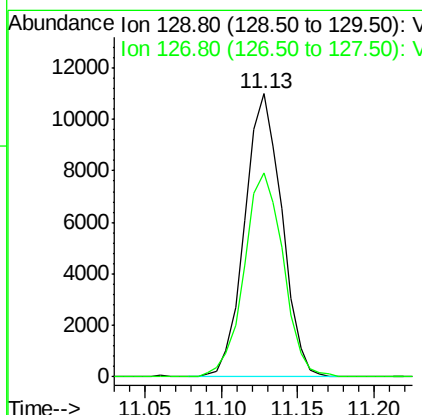
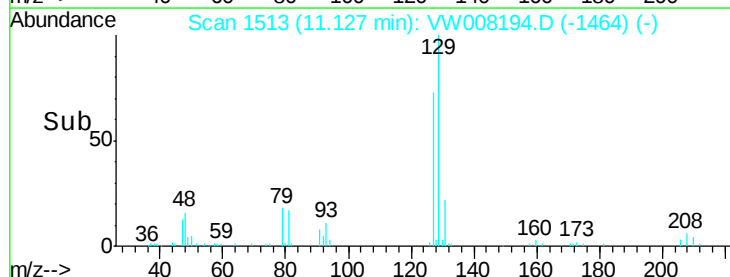
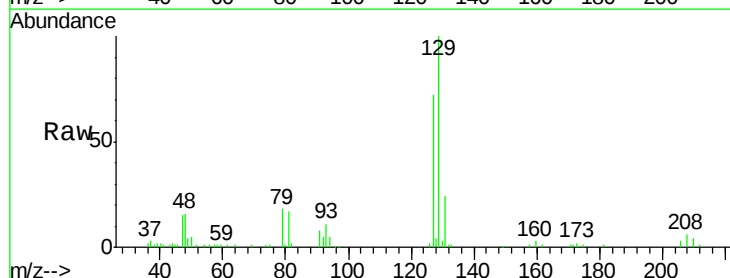
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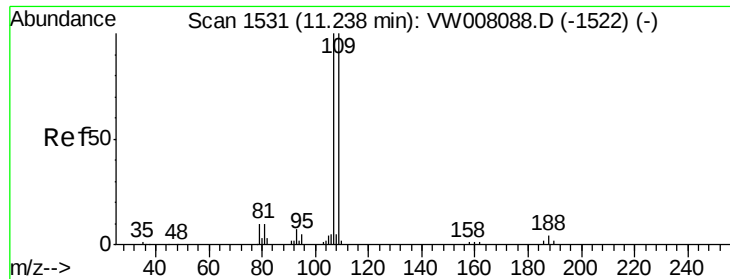
apatel
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#60
Dibromochloromethane
Concen: 20.491 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW008194.D
Acq: 11 Jan 2019 15:21

Tgt Ion: 129 Resp: 18614
Ion Ratio Lower Upper
129 100
127 75.7 38.9 116.6





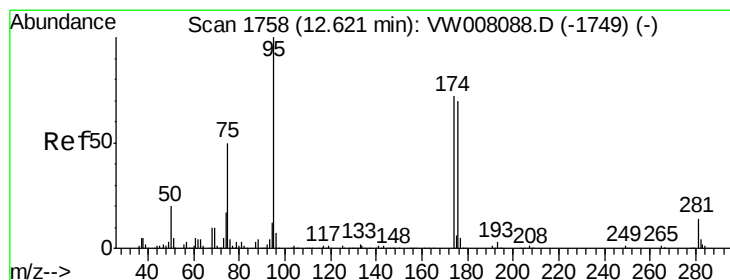
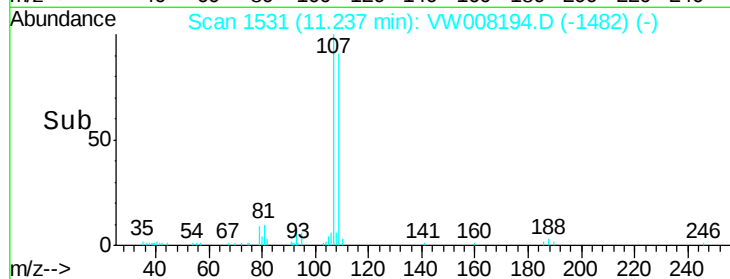
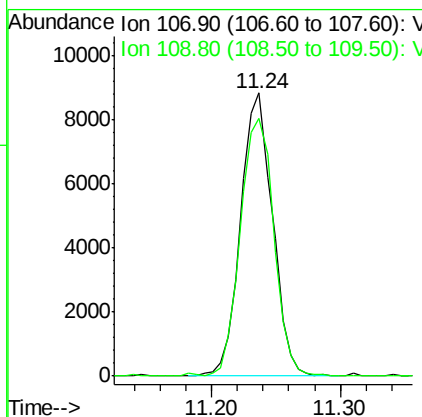
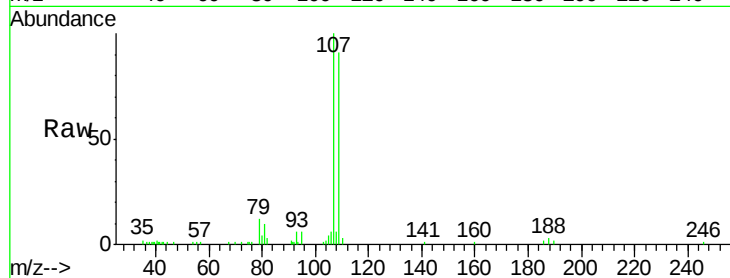
#61
 1,2-Dibromoethane
 Concen: 19.252 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW008194.D
 Acq: 11 Jan 2019 15:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0111SBS01

Tot Ion: 107 Resp: 15112
 Ion Ratio Lower Upper
 107 100
 109 96.3 75.9 113.9

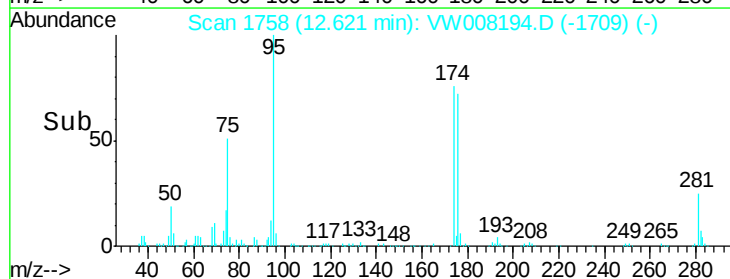
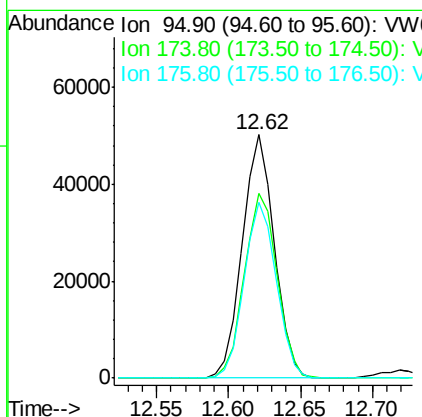
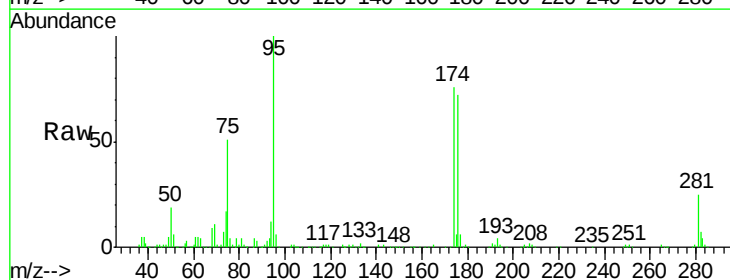
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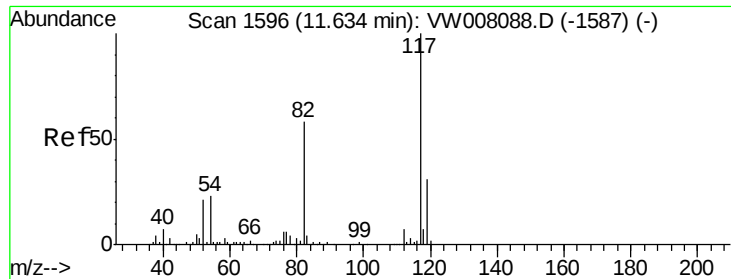
apatel
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#62
 4-Bromofluorobenzene
 Concen: 50.794 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW008194.D
 Acq: 11 Jan 2019 15:21

Tgt Ion: 95 Resp: 77183
 Ion Ratio Lower Upper
 95 100
 174 77.8 0.0 143.0
 176 72.5 0.0 140.2





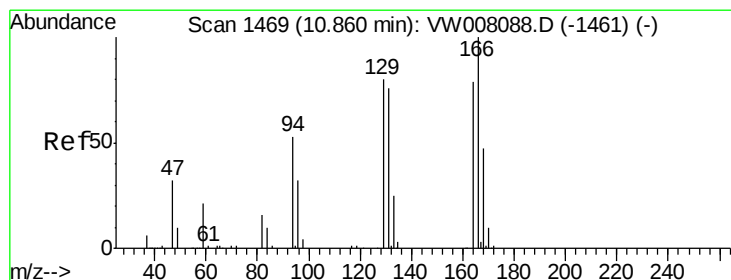
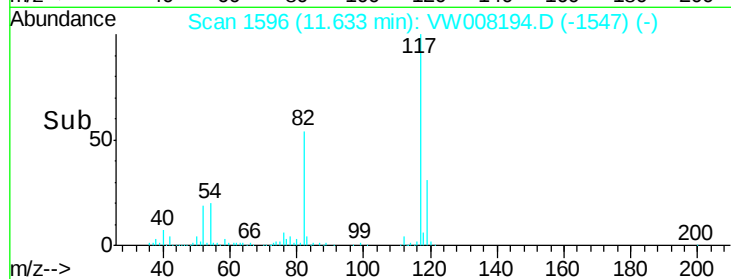
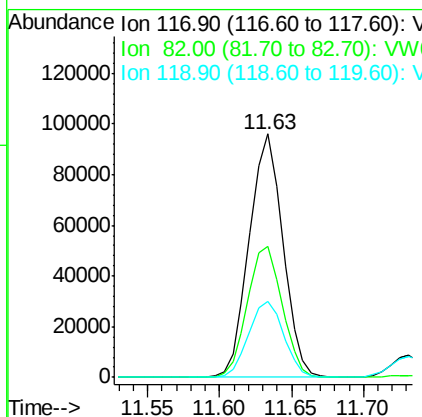
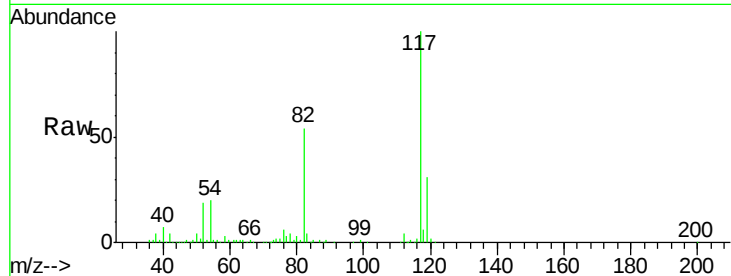
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008194.D
Acq: 11 Jan 2019 15:21

Instrument :
MSVOA_W
ClientSampleId :
VW0111SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	155690		
82	54.0		46.4	69.6
119	31.2		24.7	37.1

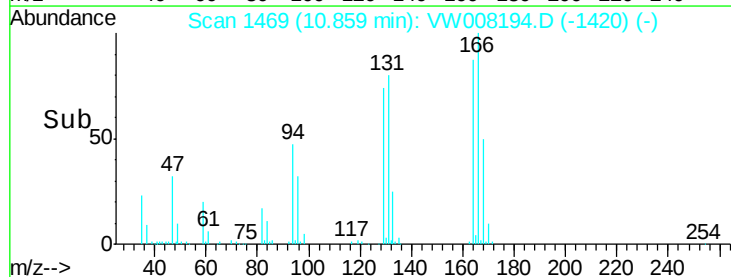
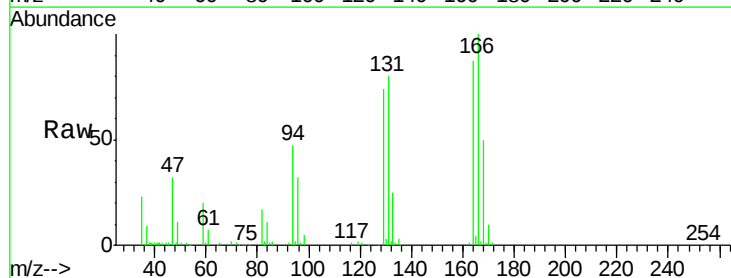
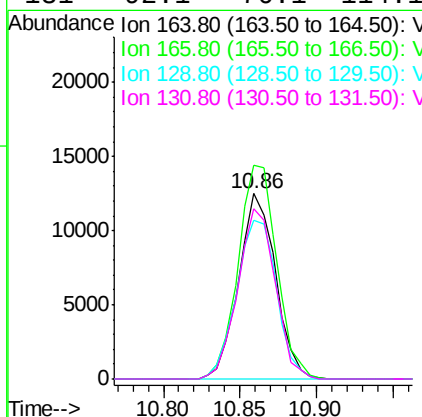
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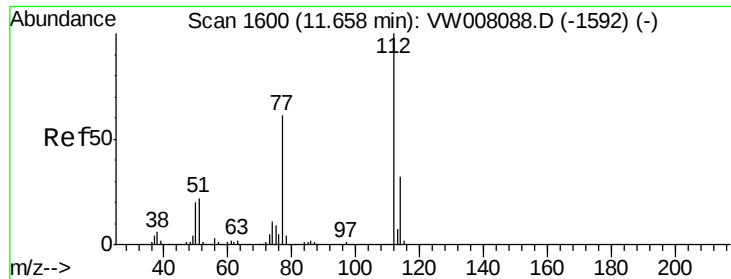
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#64
Tetrachloroethene
Concen: 20.638 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW008194.D
Acq: 11 Jan 2019 15:21

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	20911		
166	115.4		100.7	151.1
129	85.5		81.0	121.4
131	92.1		76.1	114.1





#65

Chlorobenzene

Concen: 20.258 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VW008194.D

Acq: 11 Jan 2019 15:21

Instrument :

MSVOA_W

ClientSampleId :

VW0111SBS01

Tot Ion:112 Resp: 66820

Ion Ratio Lower Upper

112 100

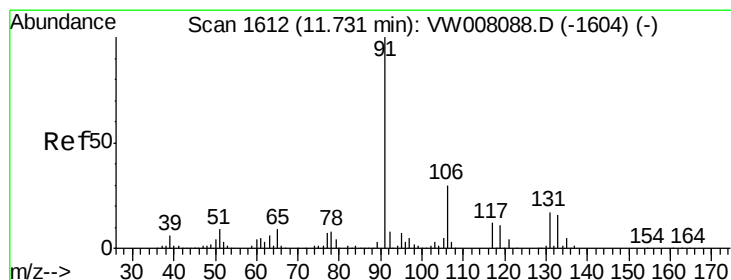
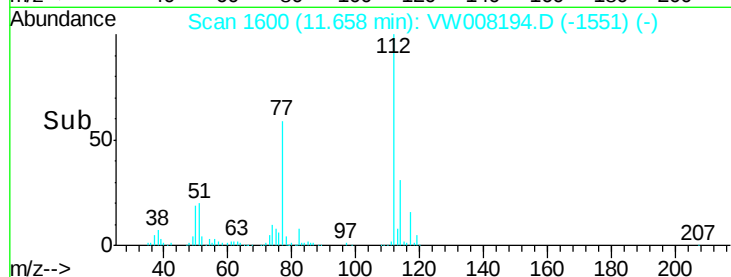
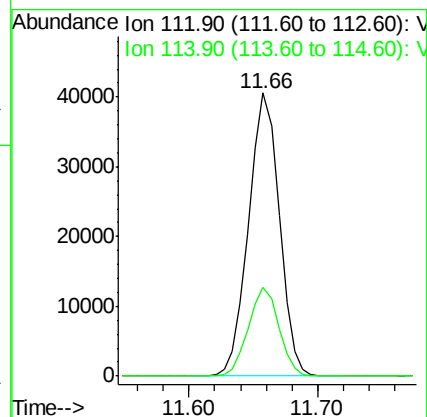
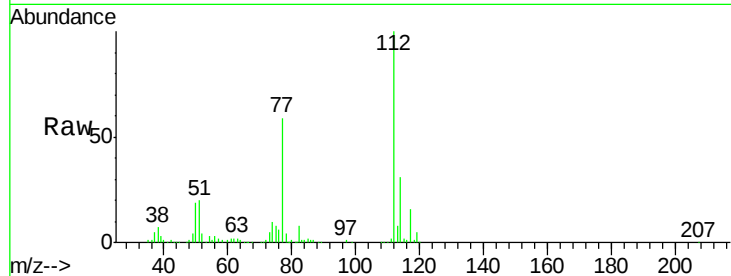
114 31.4 25.6 38.4

Manual Integrations

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#66

1,1,1,2-Tetrachloroethane

Concen: 20.523 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW008194.D

Acq: 11 Jan 2019 15:21

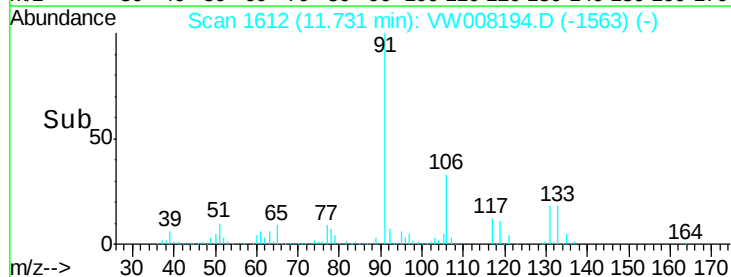
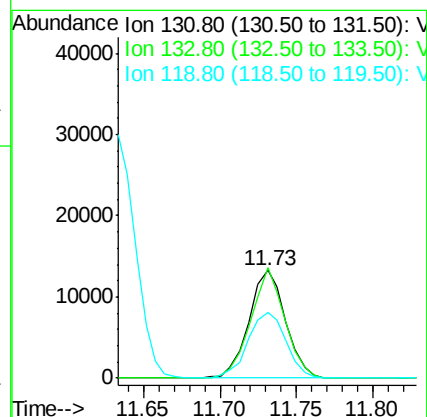
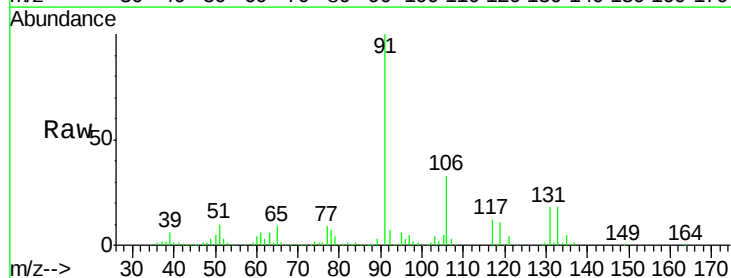
Tgt Ion:131 Resp: 22017

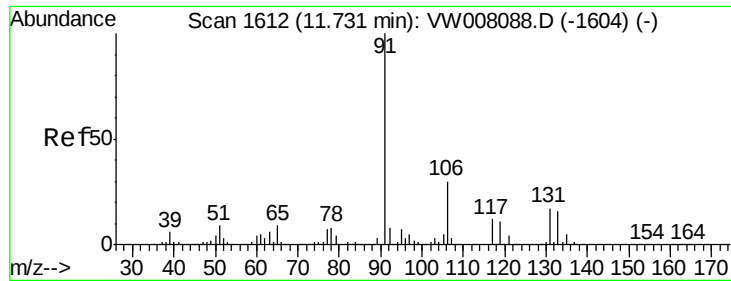
Ion Ratio Lower Upper

131 100

133 95.2 47.9 143.7

119 63.6 32.5 97.4





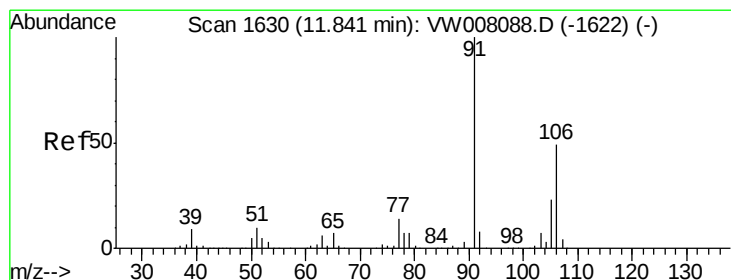
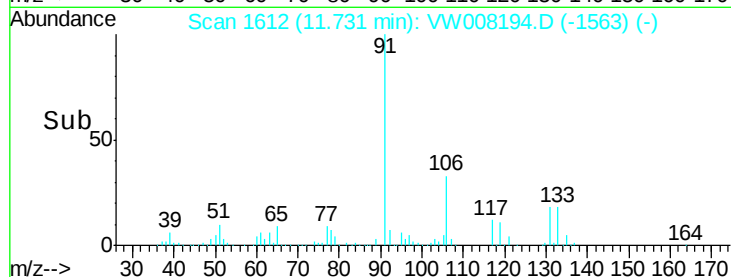
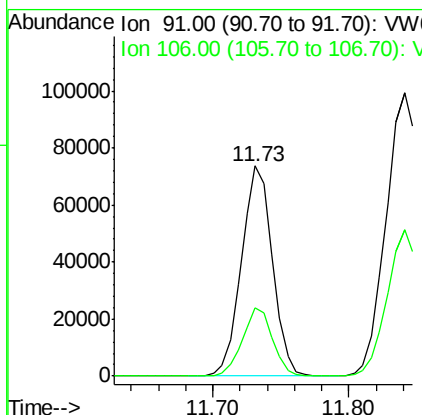
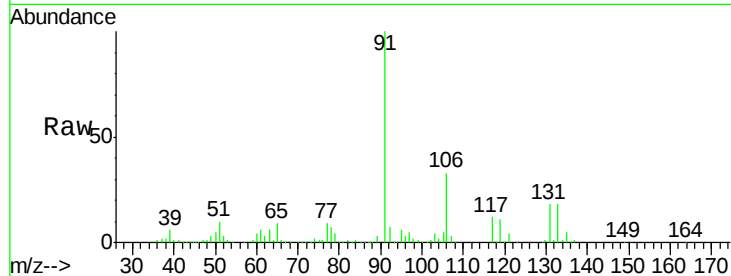
#67
Ethyl Benzene
Concen: 19.448 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW008194.D
Acq: 11 Jan 2019 15:21

Instrument :
MSVOA_W
ClientSampleId :
VW0111SBS01

Tot Ion: 91 Resp: 117375
Ion Ratio Lower Upper
91 100
106 32.7 24.2 36.4

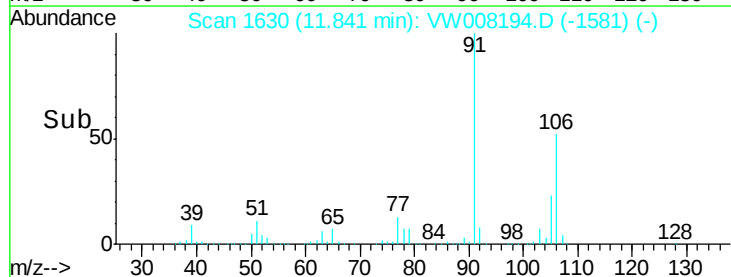
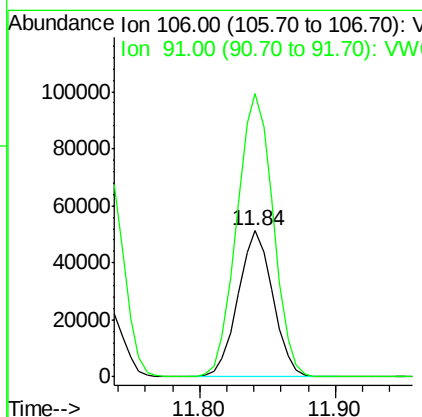
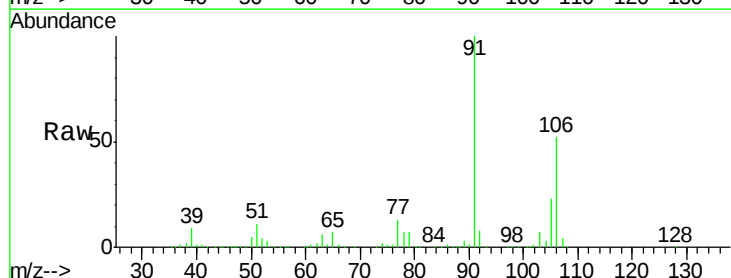
Manual Integrations
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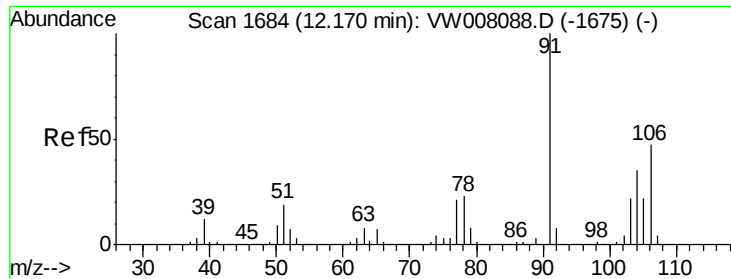
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#68
m/p-Xylenes
Concen: 39.788 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW008194.D
Acq: 11 Jan 2019 15:21

Tgt Ion:106 Resp: 91654
Ion Ratio Lower Upper
106 100
91 201.6 162.4 243.6





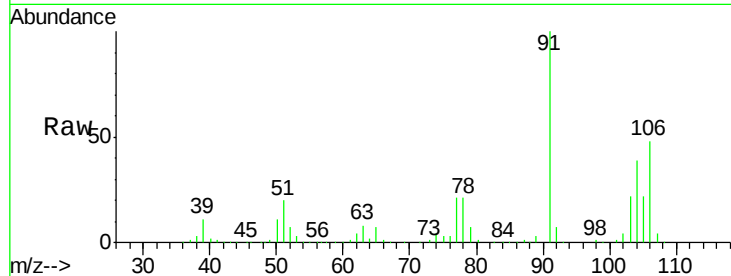
#69
o-Xylene
Concen: 19.465 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW008194.D
Acq: 11 Jan 2019 15:21

Instrument :
MSVOA_W
ClientSampleId :
VW0111SBS01

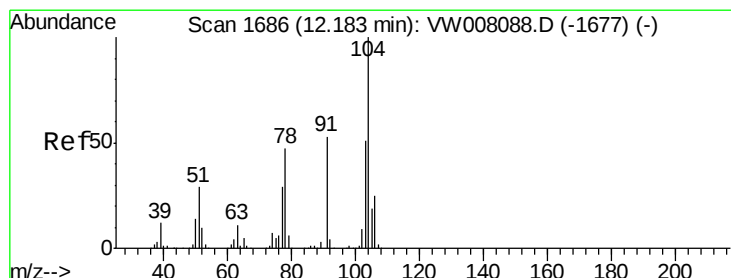
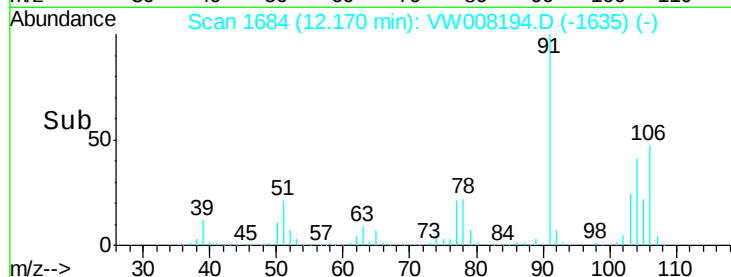
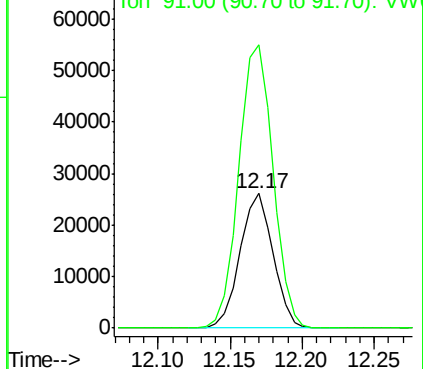
Tot Ion:106 Resp: 41522
Ion Ratio Lower Upper
106 100
91 218.6 107.8 323.6

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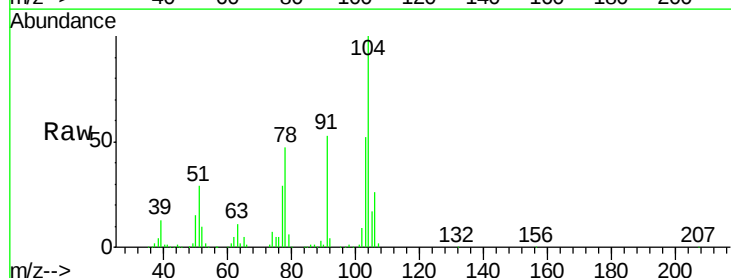


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

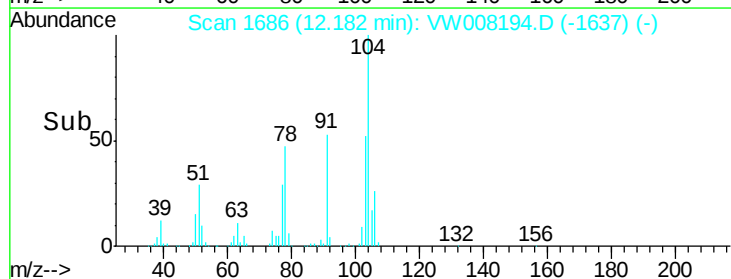
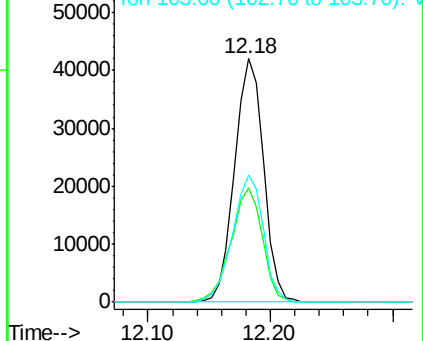


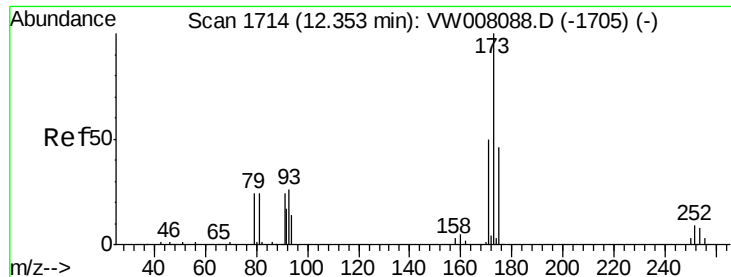
#70
Styrene
Concen: 20.582 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW008194.D
Acq: 11 Jan 2019 15:21

Tgt Ion:104 Resp: 68770
Ion Ratio Lower Upper
104 100
78 50.6 41.8 62.8
103 55.5 43.8 65.8



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 20.909 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW008194.D

Acq: 11 Jan 2019 15:21

Instrument :

MSVOA_W

ClientSampleId :

VW0111SBS01

Tot Ion:173 Resp: 10039

Ion Ratio Lower Upper

173 100

175 50.1 23.3 69.8

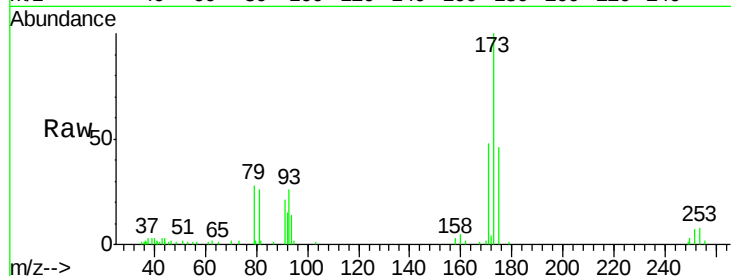
254 0.0 0.0 0.0

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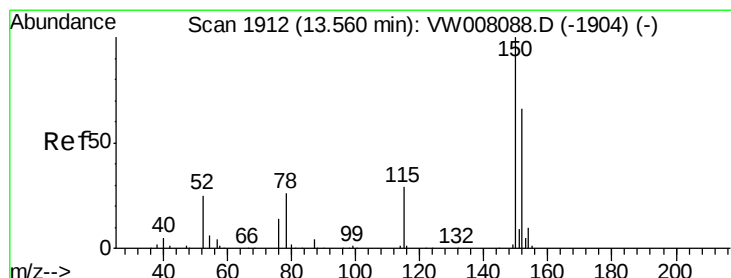
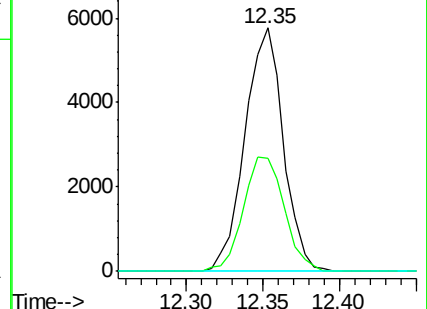
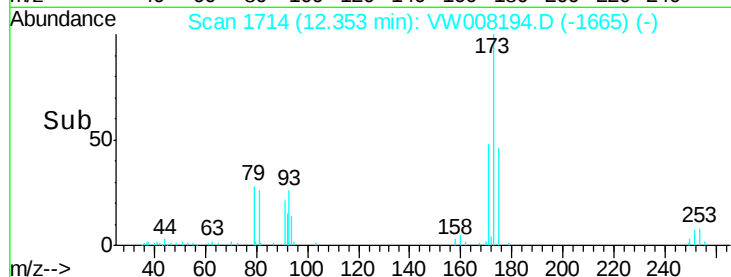
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW008194.D

Acq: 11 Jan 2019 15:21

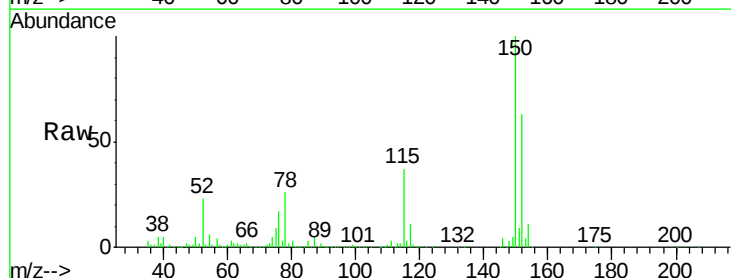
Tgt Ion:152 Resp: 78013

Ion Ratio Lower Upper

152 100

115 58.8 30.8 92.4

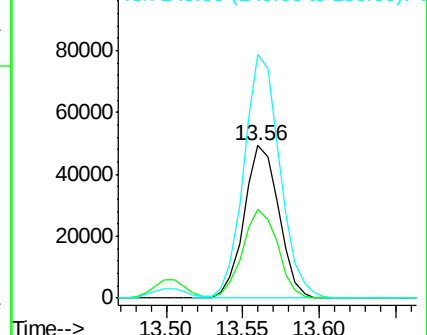
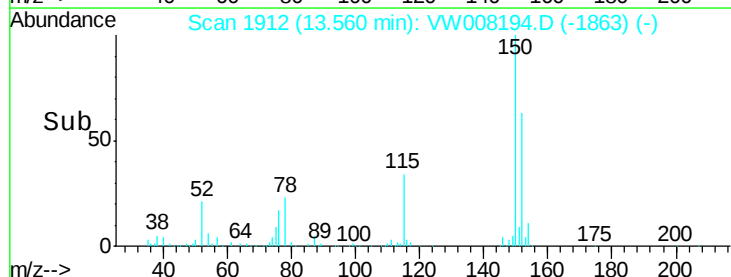
150 164.8 0.0 350.2

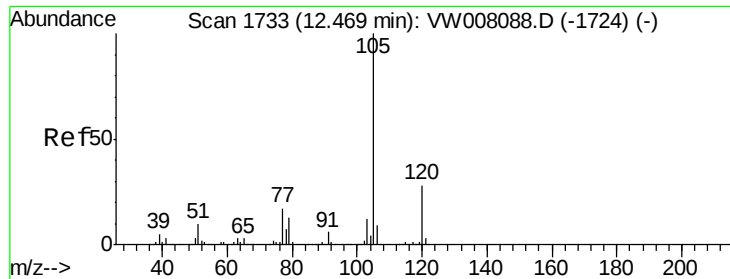


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





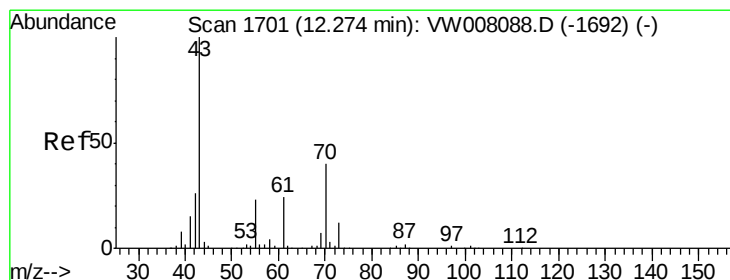
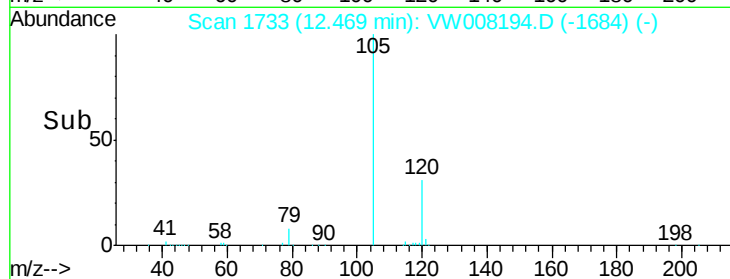
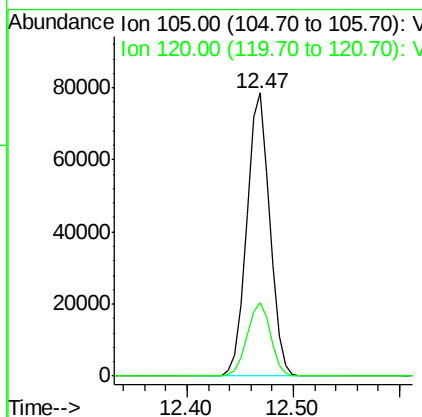
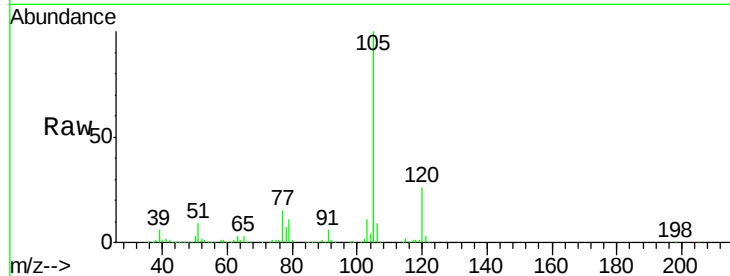
#73
Isopropylbenzene
Concen: 19.404 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VW008194.D
Acq: 11 Jan 2019 15:21

Instrument :
MSVOA_W
ClientSampleId :
VW0111SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.5	13.6	40.8

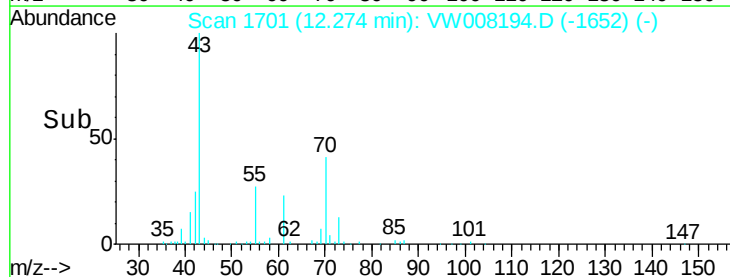
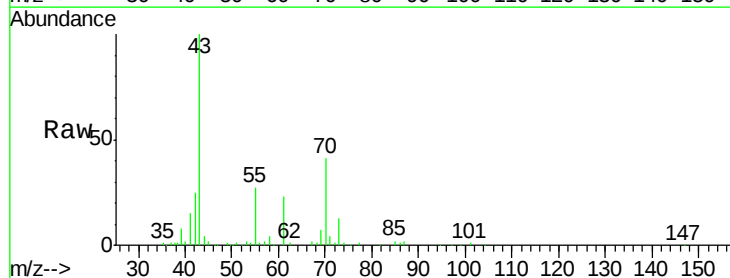
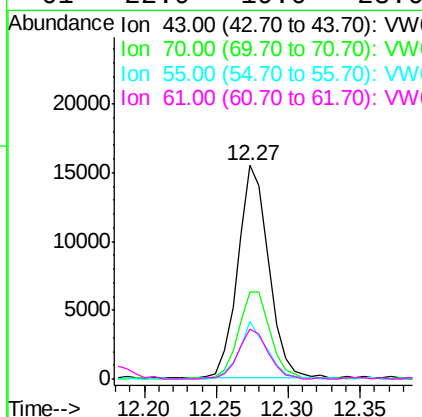
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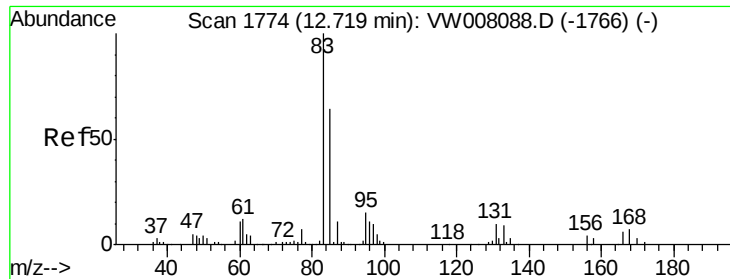
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#74
N-ethyl acetate
Concen: 16.917 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. -0.00 min
Lab File: VW008194.D
Acq: 11 Jan 2019 15:21

Tgt Ion	Ratio	Lower	Upper
43	100		
70	42.8	32.4	48.6
55	24.3	18.7	28.1
61	22.9	19.0	28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 18.539 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW008194.D

Acq: 11 Jan 2019 15:21

Instrument :

MSVOA_W

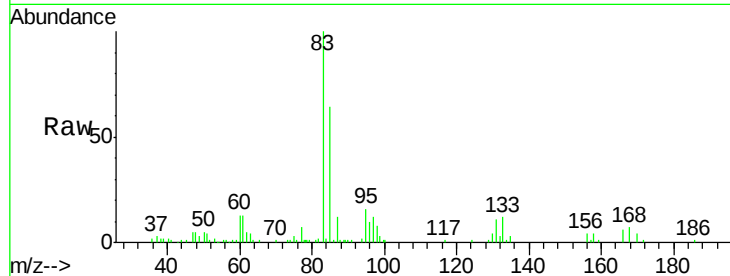
ClientSampleId :

VW0111SBS01

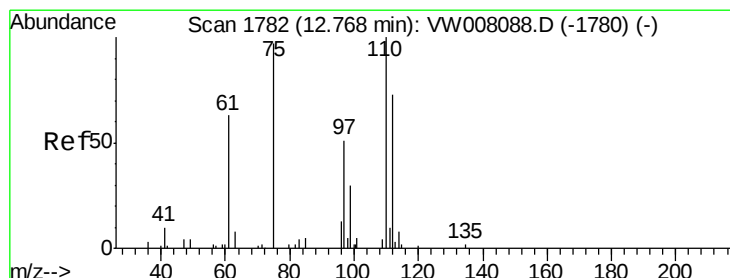
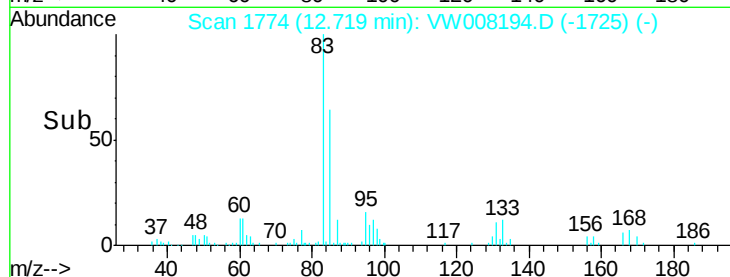
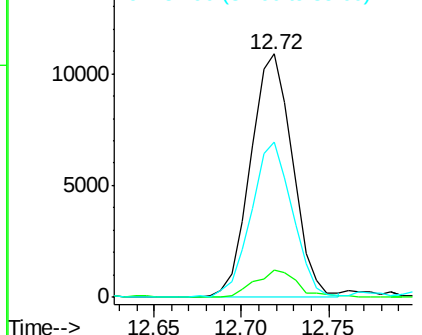
Tot Ion:	83	Resp:	18175
Ion Ratio	Lower	Upper	
83	100		
131	11.4	5.3	16.1
85	62.9	32.4	97.2

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Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 130.80 (130.50 to 131.50): VW
Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 18.696 ug/l m

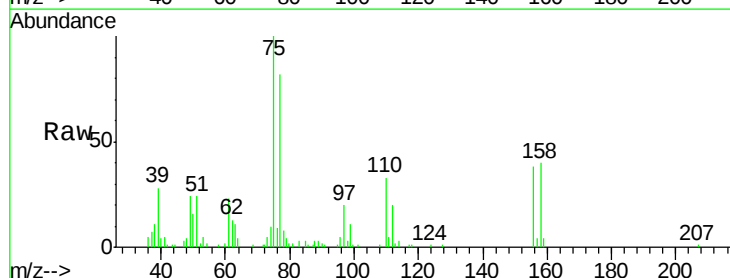
RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

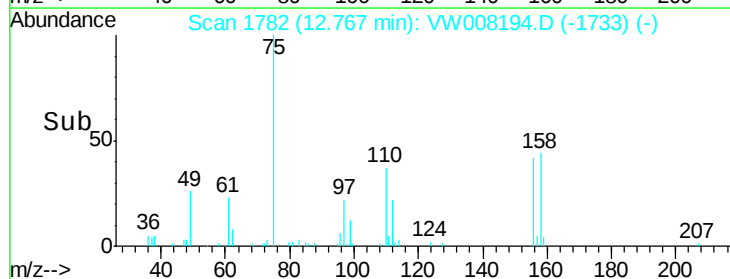
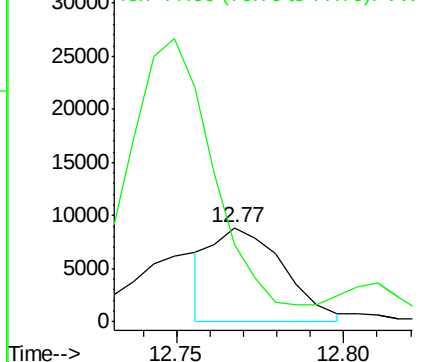
Lab File: VW008194.D

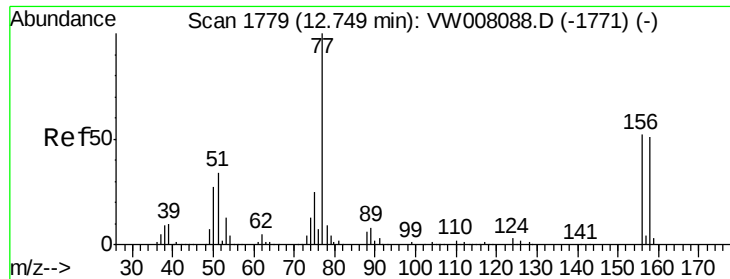
Acq: 11 Jan 2019 15:21

Tgt Ion:	75	Resp:	13296
Ion Ratio	Lower	Upper	
75	100		
77	363.6	179.4	538.2



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 19.052 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW008194.D

Acq: 11 Jan 2019 15:21

Instrument :

MSVOA_W

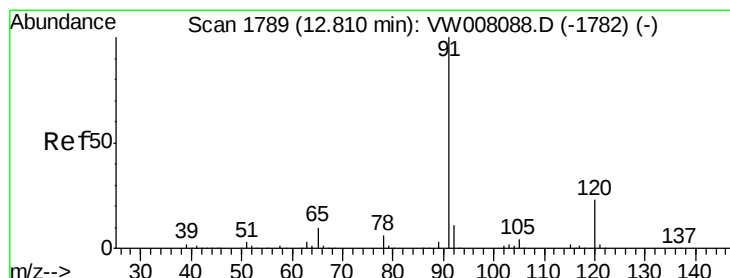
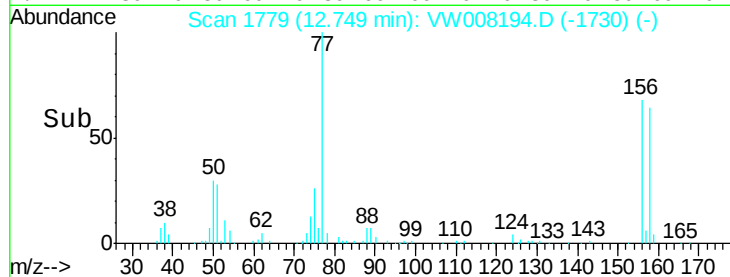
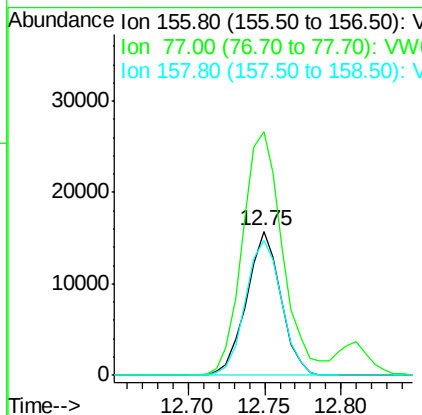
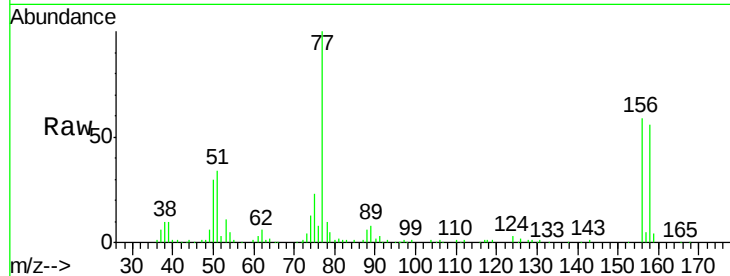
ClientSampleId :

VW0111SBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	196.1	104.2	312.5
158	98.3	47.9	143.6

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#78

n-propylbenzene

Concen: 19.161 ug/l

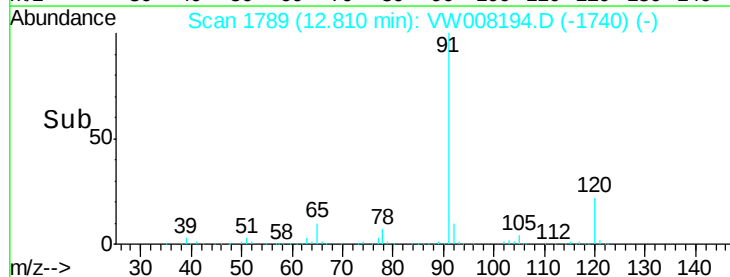
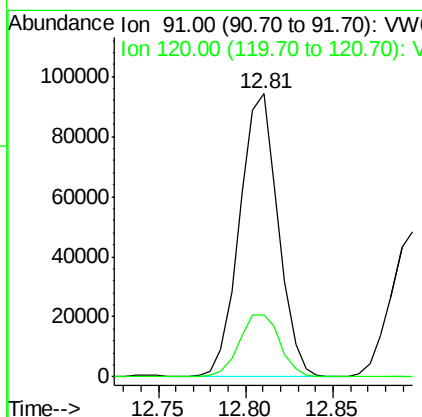
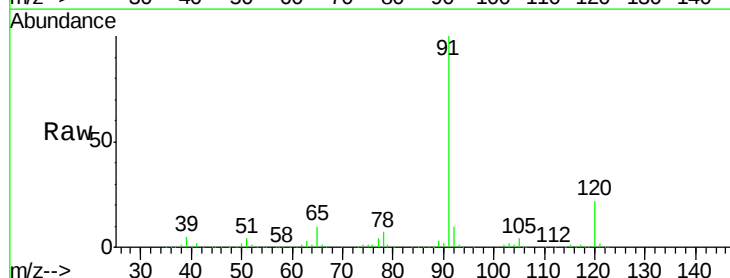
RT: 12.81 min Scan# 1789

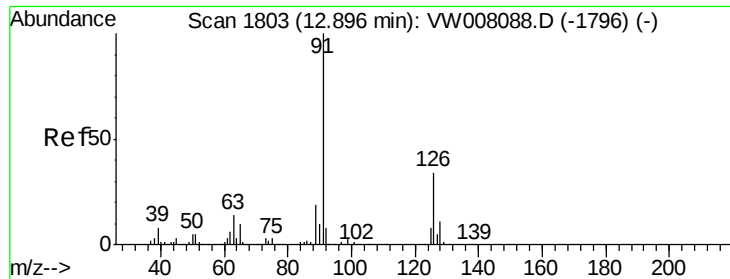
Delta R.T. -0.00 min

Lab File: VW008194.D

Acq: 11 Jan 2019 15:21

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.3	11.3	33.8





#79

2-Chlorotoluene

Concen: 18.975 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW008194.D

Acq: 11 Jan 2019 15:21

Instrument :

MSVOA_W

ClientSampleId :

VW0111SBS01

Tot Ion: 91 Resp: 79447

Ion Ratio Lower Upper

91 100

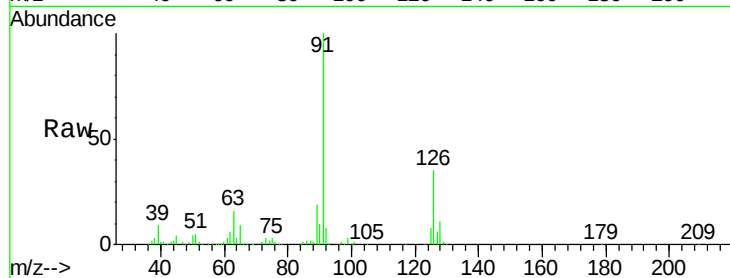
126 34.3 16.8 50.3

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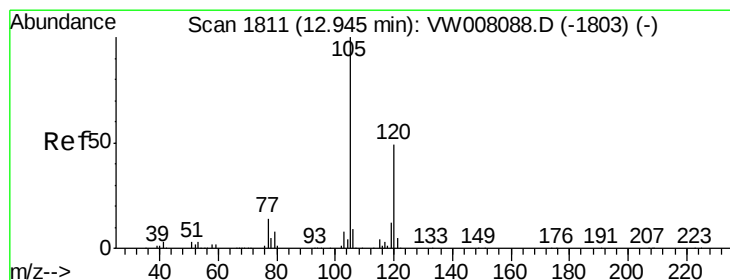
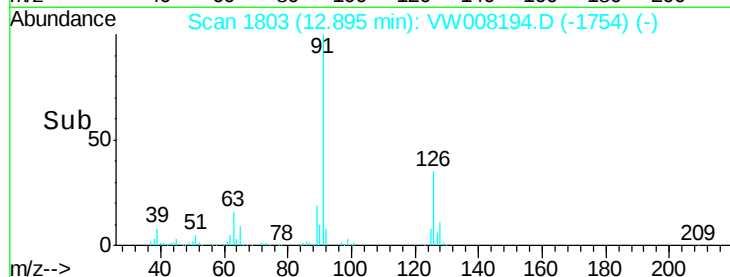
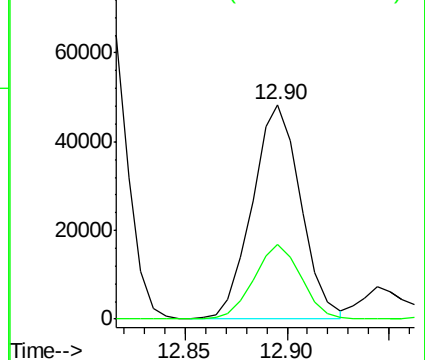
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 19.721 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW008194.D

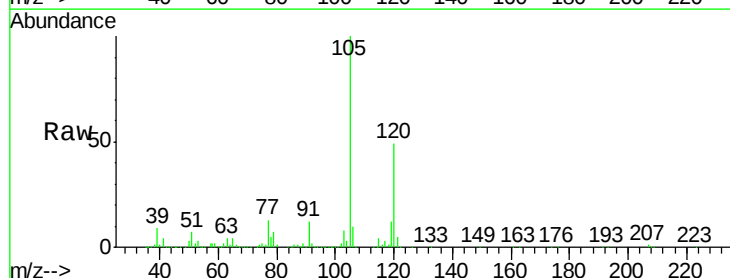
Acq: 11 Jan 2019 15:21

Tgt Ion:105 Resp: 99258

Ion Ratio Lower Upper

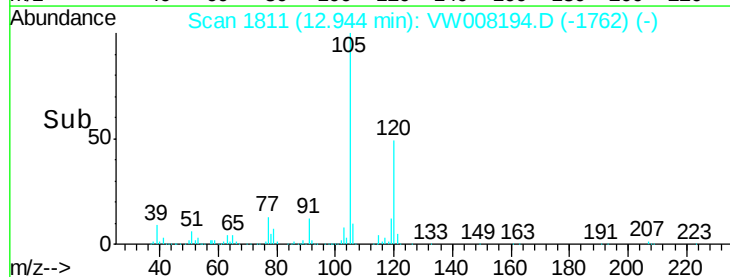
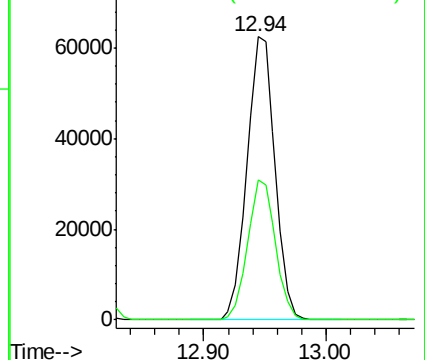
105 100

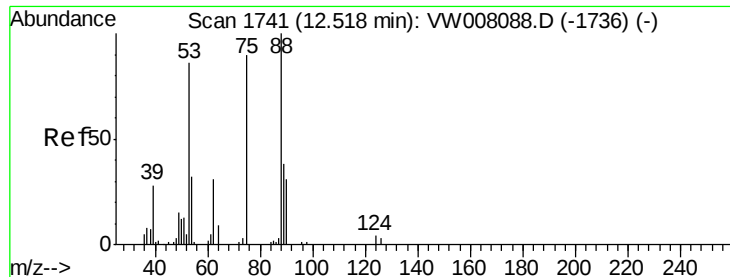
120 49.2 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 17.892 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VW008194.D

Acq: 11 Jan 2019 15:21

Instrument :

MSVOA_W

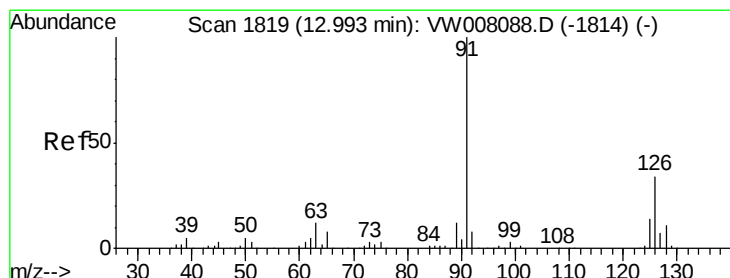
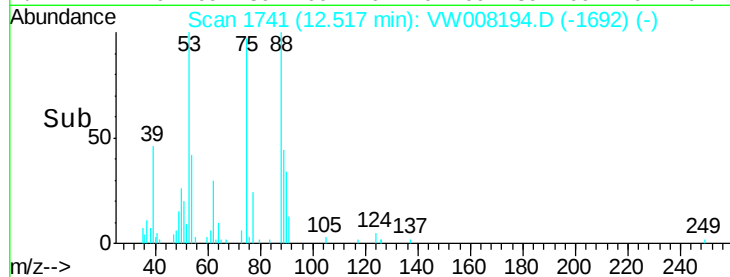
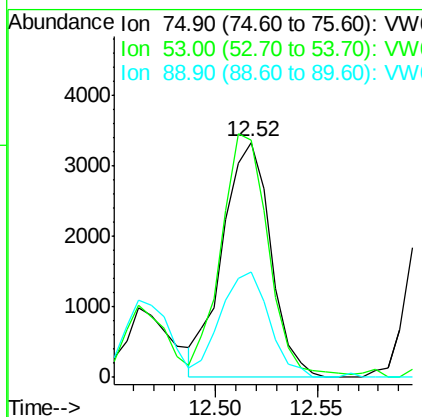
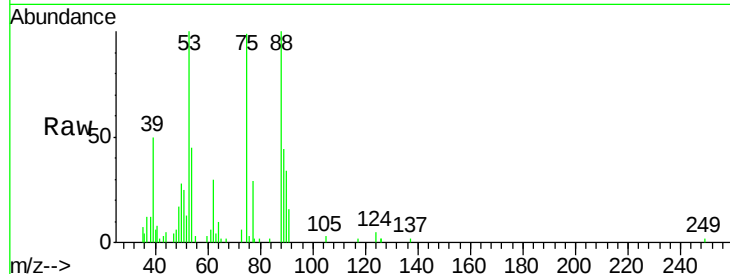
ClientSampleId :

VW0111SBS01

Tot Ion:	75	Resp:	5464
Ion	Ratio	Lower	Upper
75	100		
53	97.8	78.8	118.2
89	45.7	35.4	53.2

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#82

4-Chlorotoluene

Concen: 19.270 ug/l

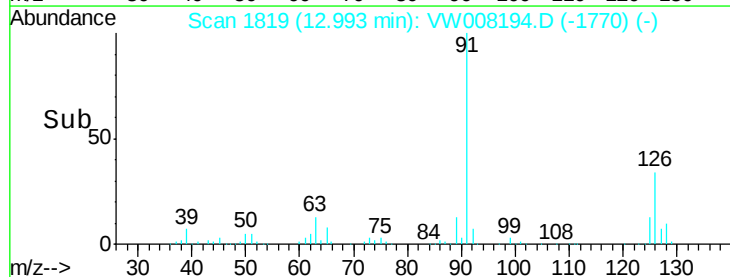
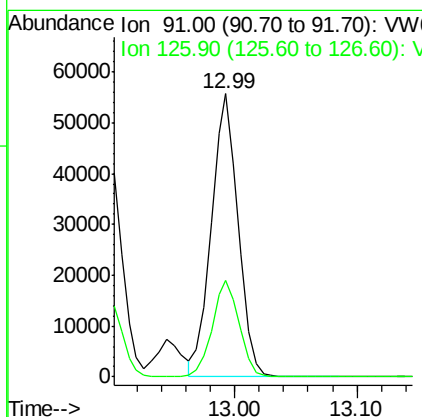
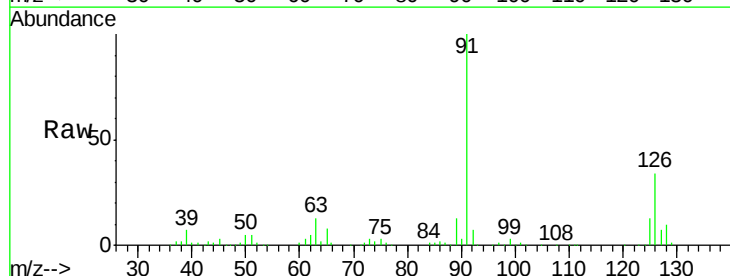
RT: 12.99 min Scan# 1819

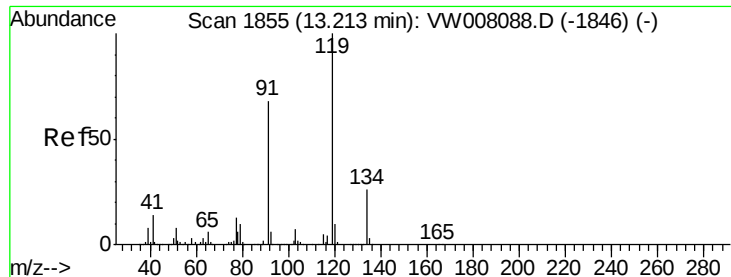
Delta R.T. -0.00 min

Lab File: VW008194.D

Acq: 11 Jan 2019 15:21

Tgt Ion:	91	Resp:	84973
Ion	Ratio	Lower	Upper
91	100		
126	34.0	16.5	49.5





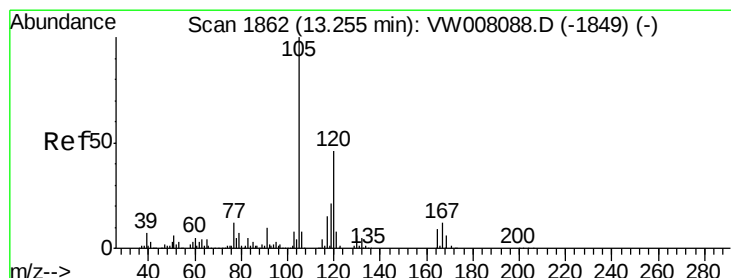
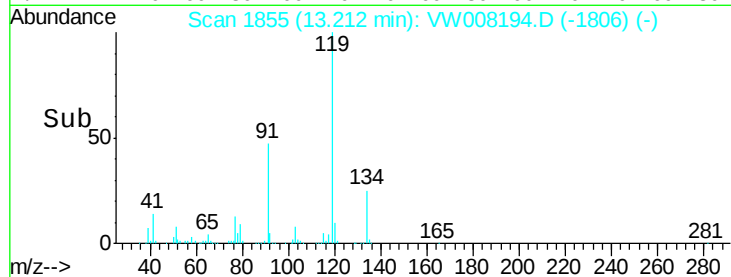
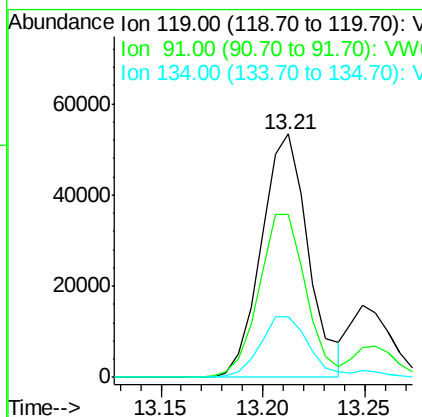
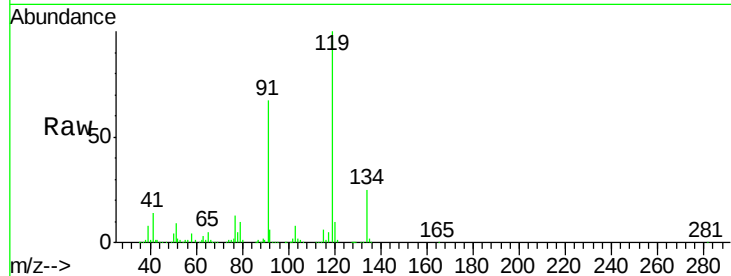
#83
 tert-Butylbenzene
 Concen: 19.228 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW008194.D
 Acq: 11 Jan 2019 15:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0111SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	67.2	33.9	101.6
134	26.1	13.6	40.8

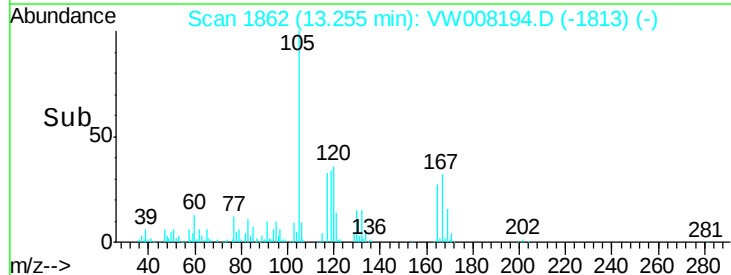
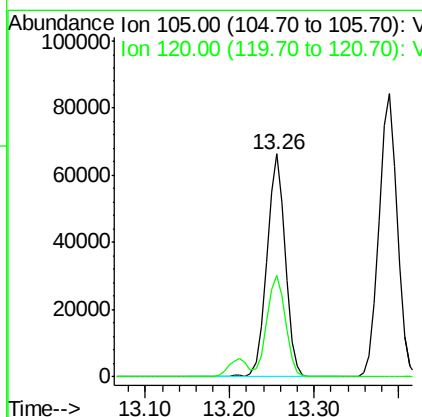
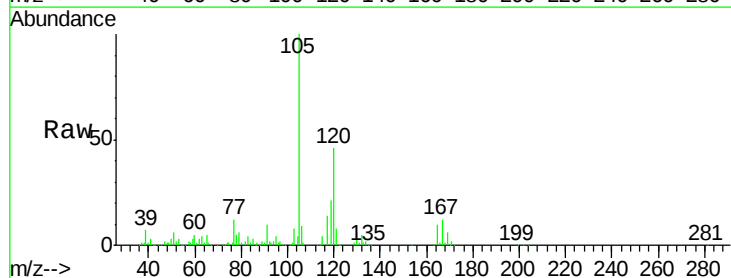
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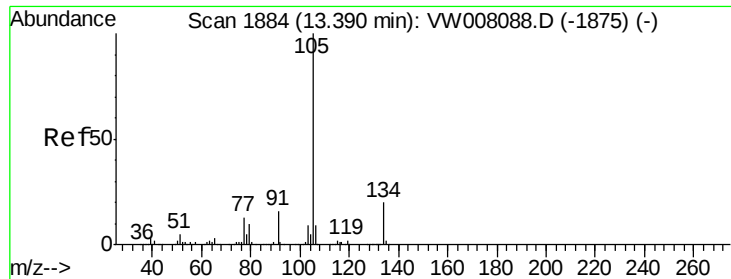
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.271 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW008194.D
 Acq: 11 Jan 2019 15:21

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.7	22.7	68.1





#85

sec-Butylbenzene

Concen: 19.497 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW008194.D

Acq: 11 Jan 2019 15:21

Instrument :

MSVOA_W

ClientSampleId :

VW0111SBS01

Tot Ion:105 Resp: 127170

Ion Ratio Lower Upper

105 100

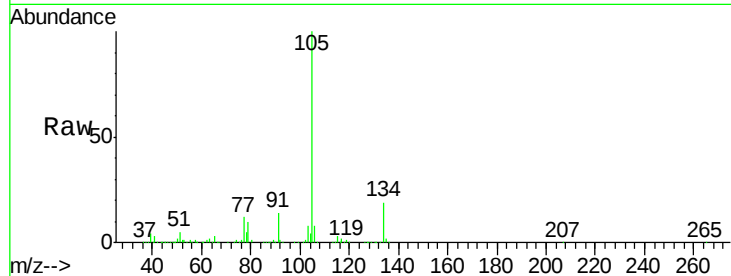
134 19.8 10.1 30.1

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

100000

80000

60000

40000

20000

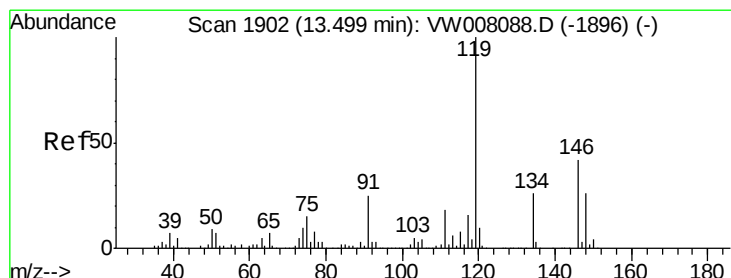
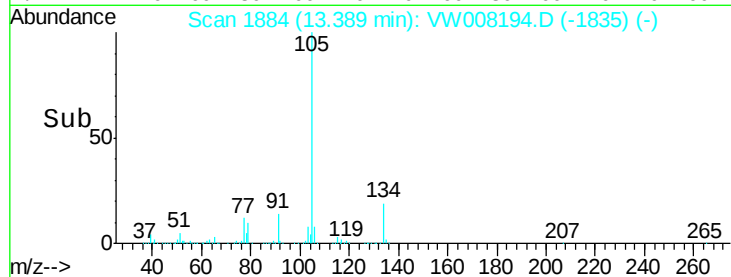
0

13.39

13.30

13.40

Time-->



#86

p-Isopropyltoluene

Concen: 19.480 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.01 min

Lab File: VW008194.D

Acq: 11 Jan 2019 15:21

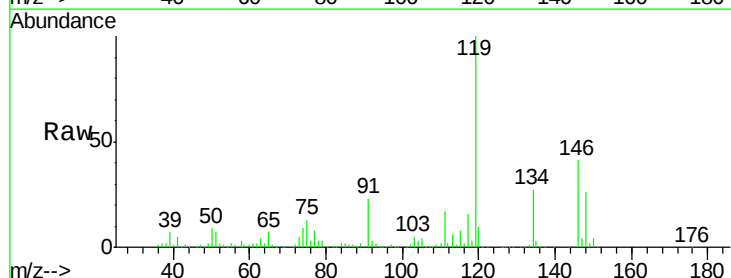
Tgt Ion:119 Resp: 109720

Ion Ratio Lower Upper

119 100

134 26.3 13.3 39.8

91 24.4 12.3 36.9



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

100000

80000

60000

40000

20000

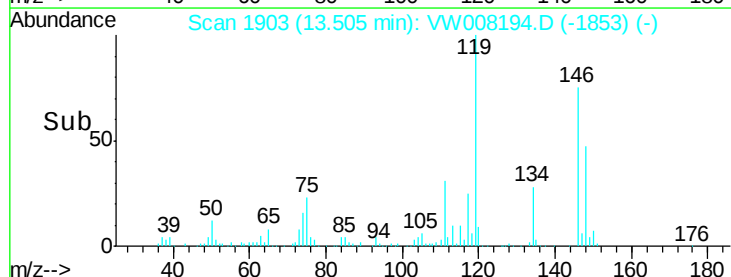
0

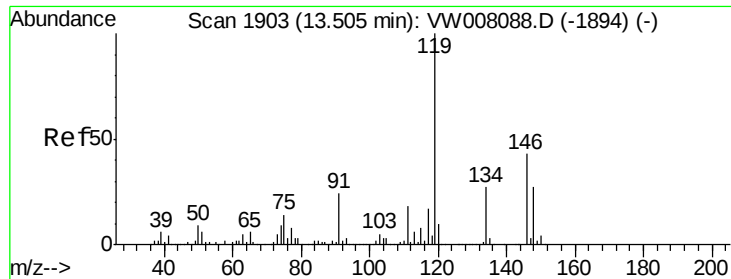
13.51

13.45

13.55

Time-->





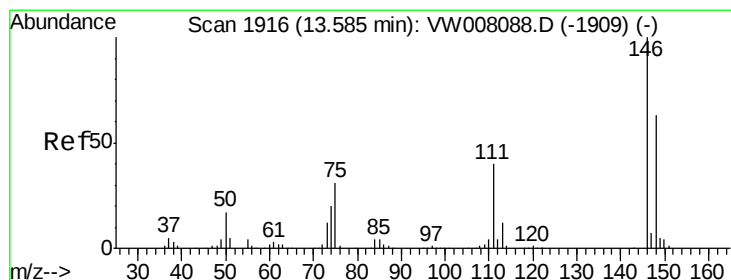
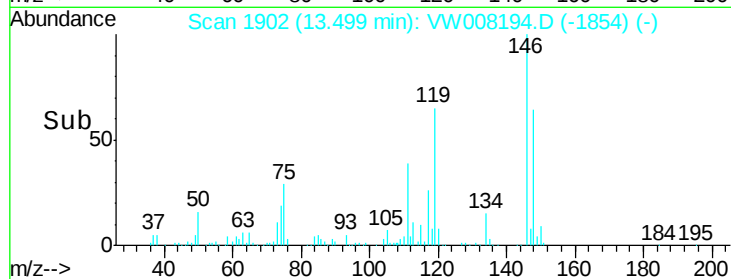
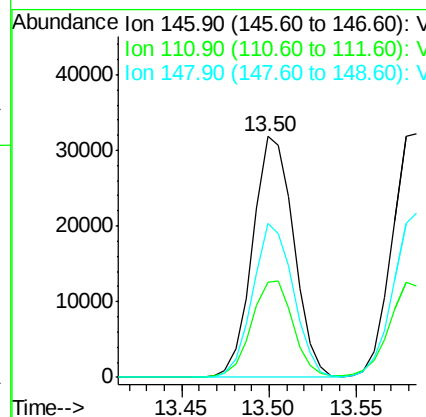
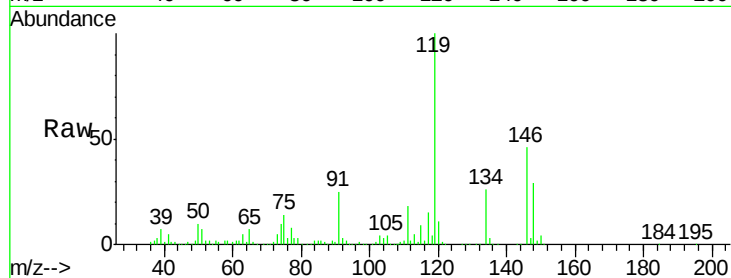
#87
 1,3-Dichlorobenzene
 Concen: 19.810 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW008194.D
 Acq: 11 Jan 2019 15:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0111SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.4	21.1	63.1
148	63.1	31.3	93.9

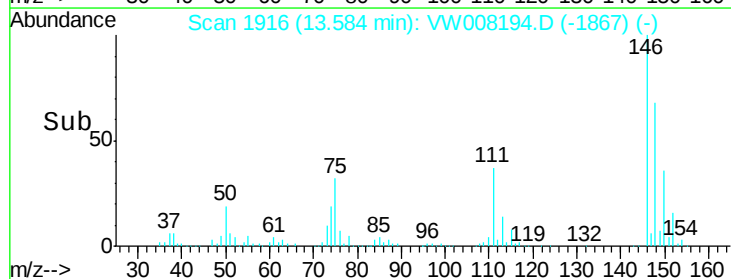
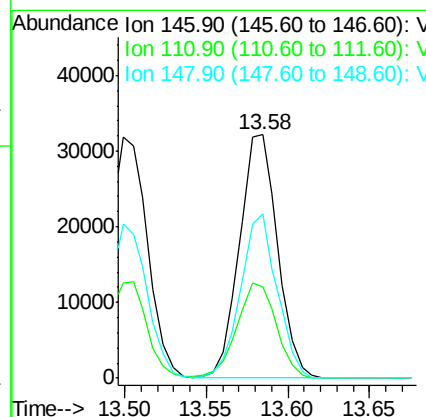
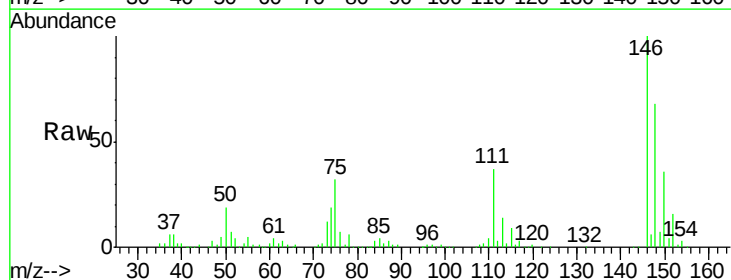
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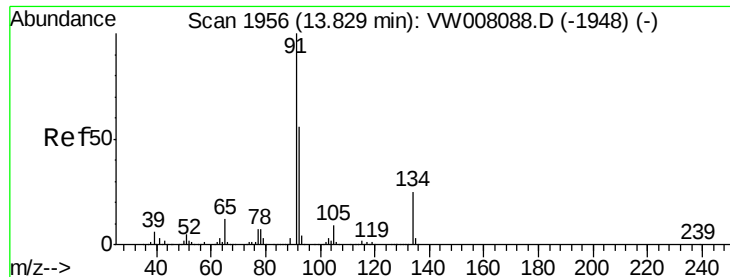
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#88
 1,4-Dichlorobenzene
 Concen: 19.855 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW008194.D
 Acq: 11 Jan 2019 15:21

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.5	61.5
148	64.6	31.6	94.8





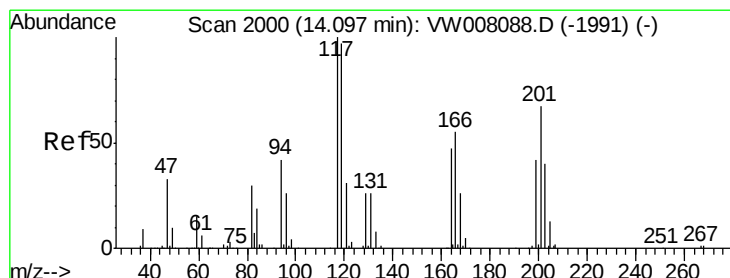
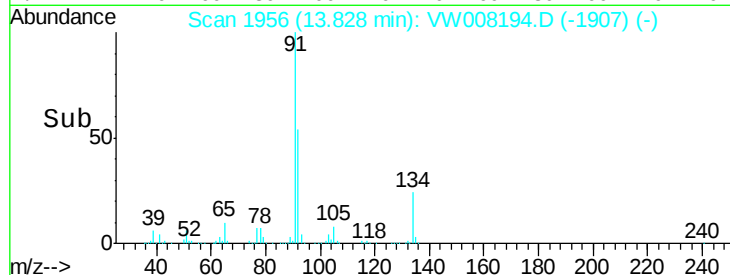
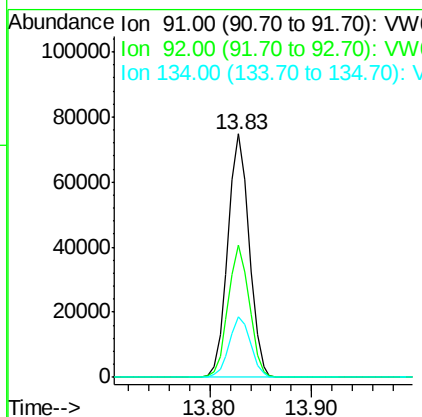
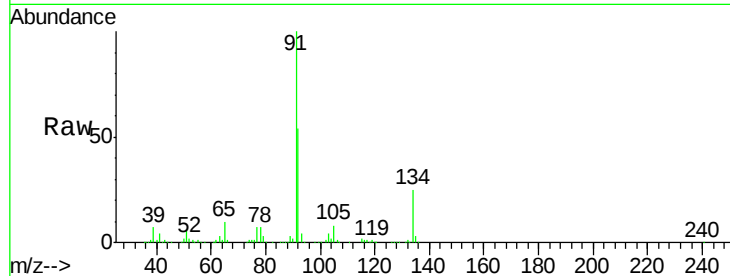
#89
n-Butylbenzene
Concen: 19.596 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW008194.D
Acq: 11 Jan 2019 15:21

Instrument :
MSVOA_W
ClientSampled :
VW0111SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.0	27.4	82.2
134	25.0	12.6	37.8

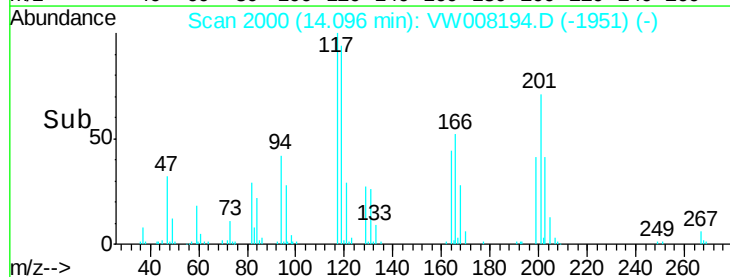
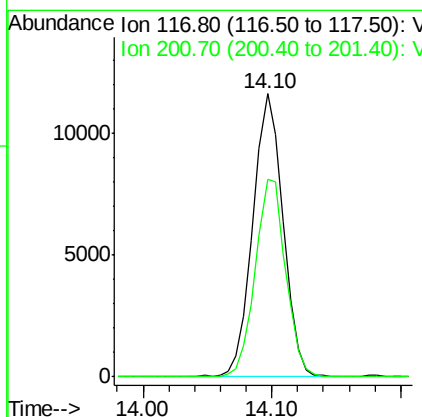
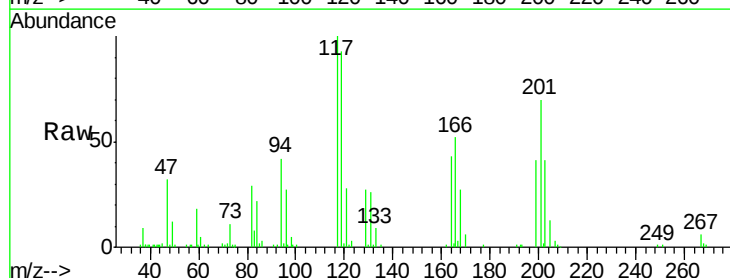
Manual Integrations
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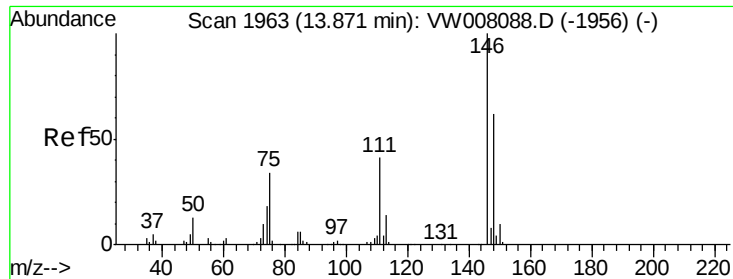
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#90
Hexachloroethane
Concen: 19.728 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW008194.D
Acq: 11 Jan 2019 15:21

Tgt Ion	Ratio	Lower	Upper
117	100		
201	70.5	33.0	98.9





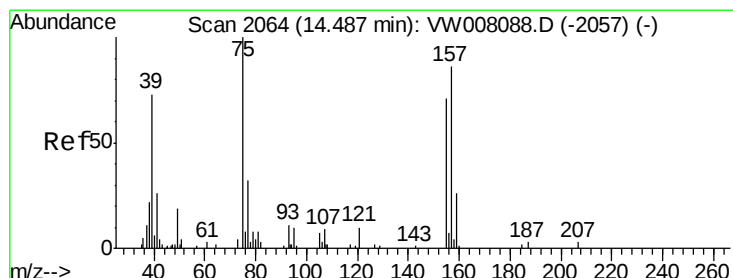
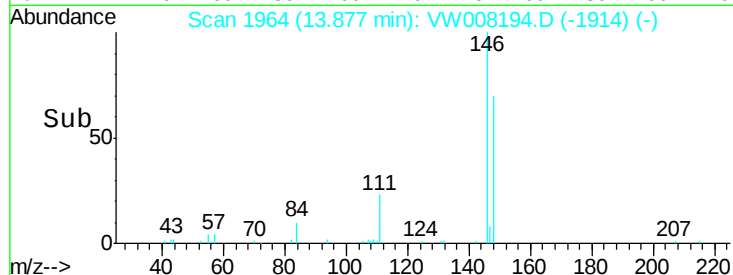
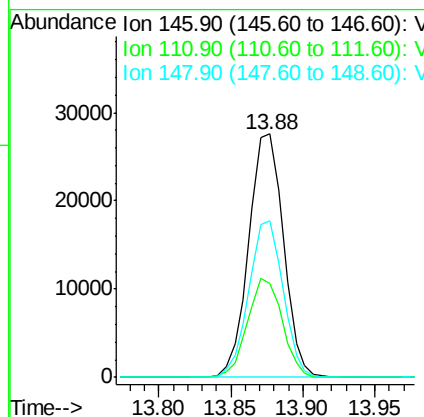
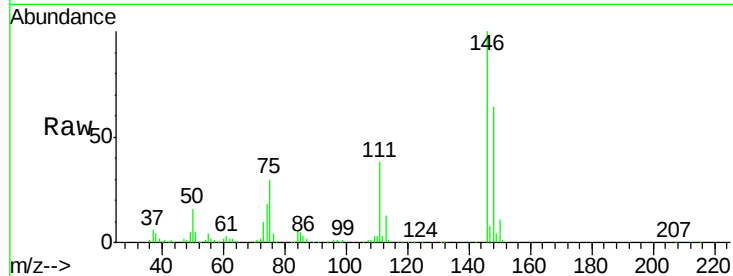
#91
 1,2-Dichlorobenzene
 Concen: 19.956 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.01 min
 Lab File: VW008194.D
 Acq: 11 Jan 2019 15:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0111SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.8	21.3	63.7
148	63.5	31.5	94.5

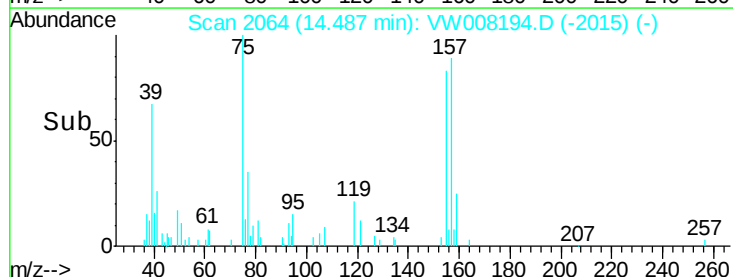
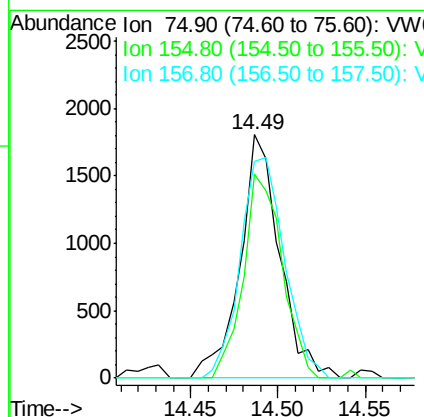
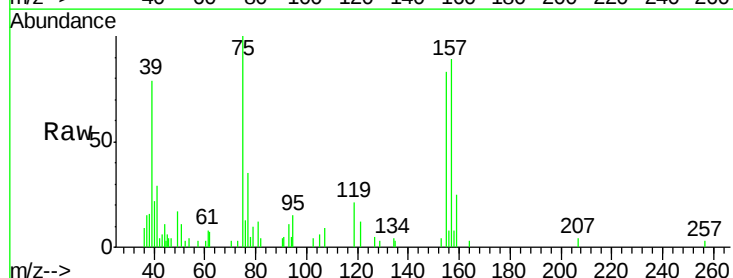
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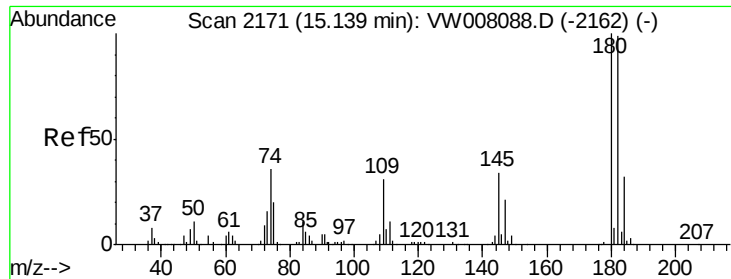
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.058 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW008194.D
 Acq: 11 Jan 2019 15:21

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.9	38.6	115.7
157	101.7	47.5	142.6





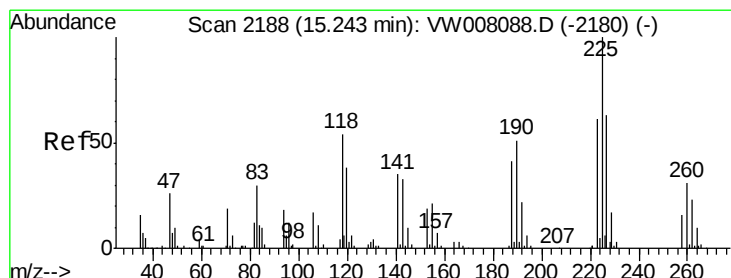
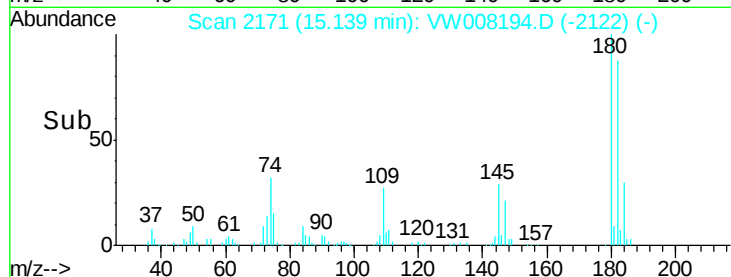
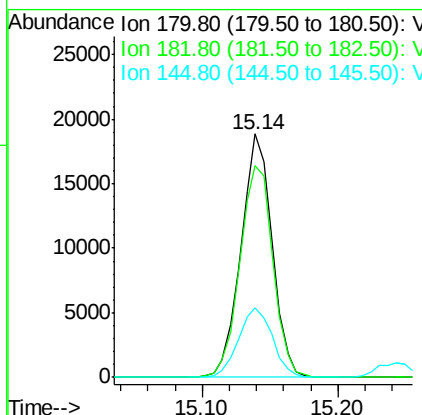
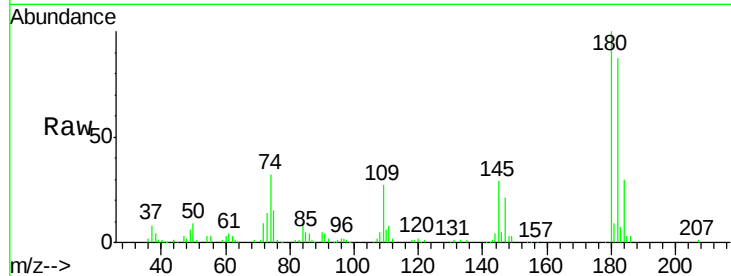
#93
 1,2,4-Trichlorobenzene
 Concen: 19.721 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW008194.D
 Acq: 11 Jan 2019 15:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0111SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.2	48.6	145.9
145	30.8	16.6	49.7

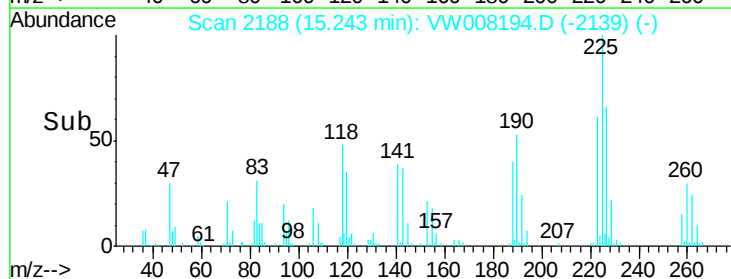
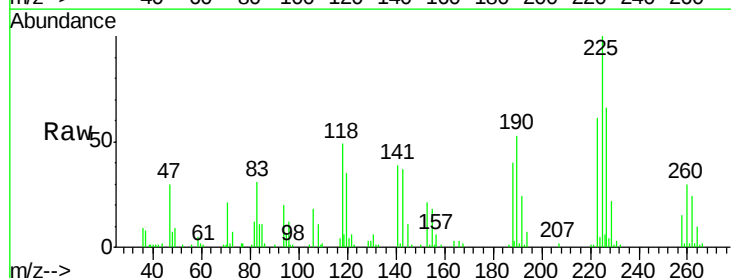
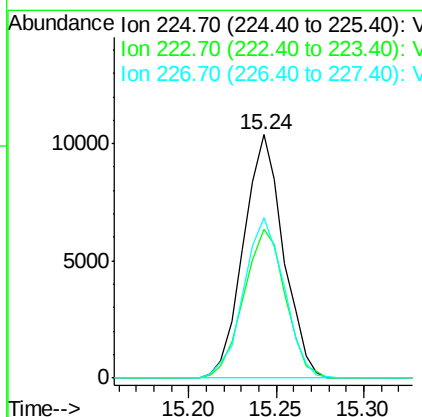
Manual Integrations
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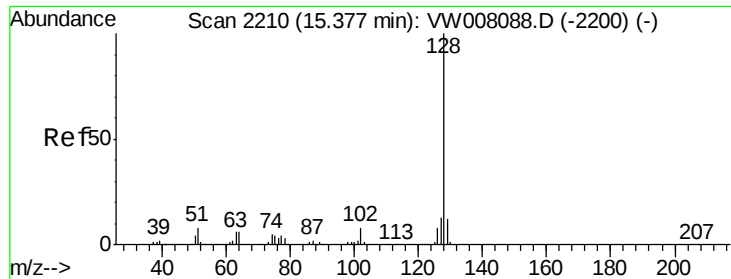
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#94
 Hexachlorobutadiene
 Concen: 20.067 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW008194.D
 Acq: 11 Jan 2019 15:21

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.8	31.4	94.3
227	66.9	32.0	96.2





#95

Naphthalene

Concen: 17.340 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. -0.00 min

Lab File: VW008194.D

Acq: 11 Jan 2019 15:21

Instrument :

MSVOA_W

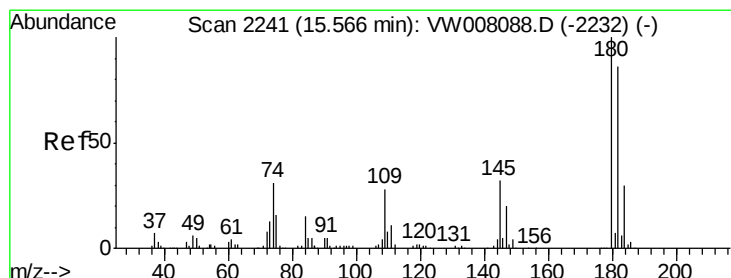
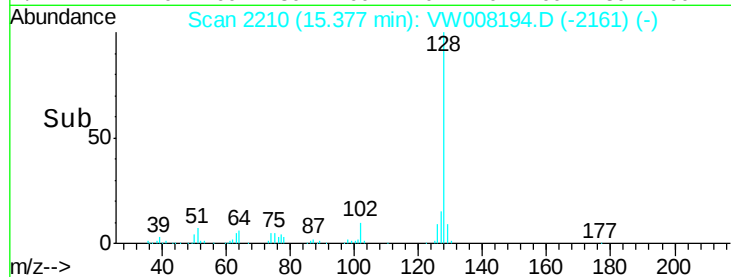
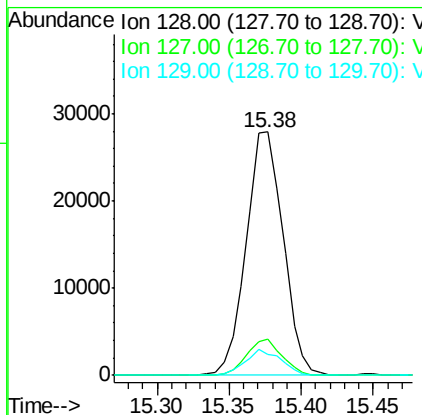
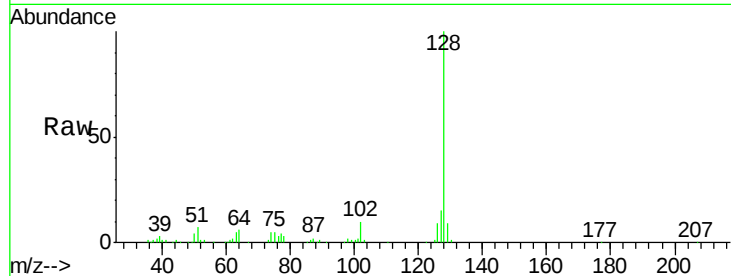
ClientSampleId :

VW0111SBS01

Tot Ion:	128	Resp:	49594
Ion Ratio	Lower	Upper	
128	100		
127	14.4	11.0	16.4
129	10.3	9.0	13.6

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 19.346 ug/l

RT: 15.57 min Scan# 2241

Delta R.T. -0.00 min

Lab File: VW008194.D

Acq: 11 Jan 2019 15:21

Tgt Ion:	180	Resp:	25262
Ion Ratio	Lower	Upper	
180	100		
182	94.0	46.5	139.3
145	33.5	17.4	52.2

