

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092518\
 Data File : VW005630.D
 Acq On : 26 Sep 2018 01:38
 Operator : VA/AP
 Sample : VW0925SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0925SBS02

Manual Integrations
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 9/26/2018 2:38:31 PM

Quant Time: Sep 26 06:54:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 09:05:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	237561	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	364241	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	342909	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	186638	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	124725	44.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.14%	
35) Dibromofluoromethane	7.89	113	105286	45.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.94%	
50) Toluene-d8	10.33	98	429367	46.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.08%	
62) 4-Bromofluorobenzene	12.62	95	159991	46.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	29543	18.632	ug/l	99
3) Chloromethane	2.21	50	31682	16.590	ug/l	93
4) Vinyl Chloride	2.37	62	49171	21.541	ug/l	95
5) Bromomethane	2.79	94	29324	19.009	ug/l	98
6) Chloroethane	2.92	64	28253	19.289	ug/l	98
7) Trichlorofluoromethane	3.25	101	29153	16.329	ug/l	91
8) Diethyl Ether	3.68	74	24265	20.806	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	45131	19.970	ug/l	99
10) Methyl Iodide	4.26	142	72396	20.830	ug/l	96
11) Tert butyl alcohol	5.22	59	16388	112.104	ug/l #	72
12) 1,1-Dichloroethene	4.03	96	44500	20.568	ug/l	94
13) Acrolein	3.90	56	11622	109.190	ug/l	100
14) Allyl chloride	4.66	41	76932	20.375	ug/l	97
15) Acrylonitrile	5.38	53	54360	104.983	ug/l	99
16) Acetone	4.14	43	48118	103.850	ug/l	98
17) Carbon Disulfide	4.37	76	134955	19.964	ug/l	100
18) Methyl Acetate	4.68	43	25914	19.536	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	69439	20.793	ug/l	96
20) Methylene Chloride	4.92	84	58764	22.722	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	49144	20.738	ug/l	98
22) Diisopropyl ether	6.32	45	155479	21.211	ug/l	98
23) Vinyl Acetate	6.26	43	440376	105.112	ug/l	100
24) 1,1-Dichloroethane	6.22	63	92136	20.345	ug/l	98
25) 2-Butanone	7.18	43	70329	103.467	ug/l	98
26) 2,2-Dichloropropane	7.17	77	56965	18.018	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	53020	20.285	ug/l	99
28) Bromochloromethane	7.51	49	36637	20.423	ug/l #	98
29) Tetrahydrofuran	7.54	42	45452	107.035	ug/l	98
30) Chloroform	7.68	83	95848	20.500	ug/l	99
31) Cyclohexane	7.95	56	84310	19.432	ug/l	93
32) 1,1,1-Trichloroethane	7.88	97	81914	19.832	ug/l	98
36) 1,1-Dichloropropene	8.09	75	73732	20.109	ug/l	99
37) Ethyl Acetate	7.26	43	30799	19.960	ug/l	99
38) Carbon Tetrachloride	8.07	117	75082	19.109	ug/l	97

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Quant Time: Sep 26 06:54:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 09:05:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	86072	19.896	ug/l	98
40) Benzene	8.33	78	211637	20.371	ug/l	99
41) Methacrylonitrile	7.49	41	17601	20.045	ug/l	93
42) 1,2-Dichloroethane	8.40	62	66594	20.021	ug/l	97
43) Isopropyl Acetate	8.43	43	63125	20.808	ug/l	99
44) Trichloroethene	9.10	130	54137	20.358	ug/l	97
45) 1,2-Dichloropropane	9.37	63	52338	20.477	ug/l	99
46) Dibromomethane	9.46	93	26434	20.699	ug/l	98
47) Bromodichloromethane	9.65	83	67759	19.752	ug/l	99
48) Methyl methacrylate	9.44	41	29807	20.686	ug/l	96
49) 1,4-Dioxane	9.49	88	8600	423.572	ug/l #	96
51) 4-Methyl-2-Pentanone	10.21	43	161749	105.858	ug/l	100
52) Toluene	10.39	92	132746	20.478	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	68151	19.817	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	77375	20.081	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	37236	20.541	ug/l	95
56) Ethyl methacrylate	10.65	69	46257	20.671	ug/l	99
57) 1,3-Dichloropropane	10.94	76	67112	20.889	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	112993	111.390	ug/l	98
59) 2-Hexanone	10.98	43	106278	102.388	ug/l	98
60) Dibromochloromethane	11.13	129	45149	20.613	ug/l	99
61) 1,2-Dibromoethane	11.24	107	36275	21.463	ug/l	99
64) Tetrachloroethene	10.87	164	49629	20.392	ug/l	99
65) Chlorobenzene	11.66	112	146769	20.162	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.74	131	51744	19.750	ug/l	97
67) Ethyl Benzene	11.74	91	255262	19.755	ug/l	98
68) m/p-Xylenes	11.85	106	197520	40.461	ug/l	100
69) o-Xylene	12.17	106	91049	19.915	ug/l	99
70) Styrene	12.19	104	156628	20.357	ug/l	99
71) Bromoform	12.35	173	28163	20.251	ug/l #	98
73) Isopropylbenzene	12.47	105	261027	20.168	ug/l	100
74) N-amyl acetate	12.28	43	59704	20.371	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	44177	20.549	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	32104m	20.179	ug/l	
77) Bromobenzene	12.76	156	60620	19.983	ug/l	99
78) n-propylbenzene	12.81	91	314884	20.095	ug/l	99
79) 2-Chlorotoluene	12.90	91	184061	20.303	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	225950	20.077	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	13922	19.709	ug/l	95
82) 4-Chlorotoluene	12.99	91	195908	20.452	ug/l	99
83) tert-Butylbenzene	13.21	119	190776	20.177	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	234019	20.605	ug/l	99
85) sec-Butylbenzene	13.39	105	276071	20.132	ug/l	99
86) p-Isopropyltoluene	13.51	119	249139	20.270	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	125166	20.179	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	124112	20.118	ug/l	98
89) n-Butylbenzene	13.83	91	229484	19.794	ug/l	99
90) Hexachloroethane	14.10	117	44725	20.076	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	112282	20.505	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8123	19.832	ug/l	99

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ClientSampleId :
VW0925SBS02

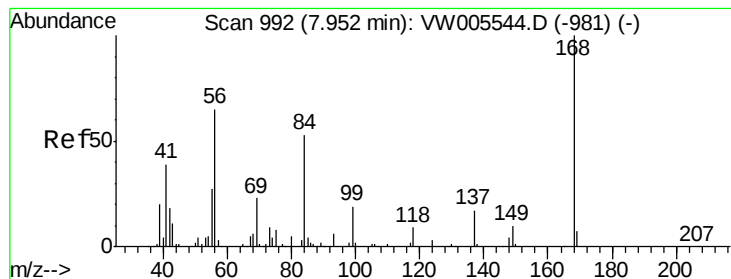
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Quant Time: Sep 26 06:54:42 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 21 09:05:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	79731	20.412	ug/l	99
94) Hexachlorobutadiene	15.24	225	48585	19.199	ug/l	99
95) Naphthalene	15.38	128	138826	21.129	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	71706	20.830	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW005630.D

Acq: 26 Sep 2018 01:38

Instrument :

MSVOA_W

ClientSampleId :

VW0925SBS02

Tot Ion:168 Resp: 237561

Ion Ratio Lower Upper

168 100

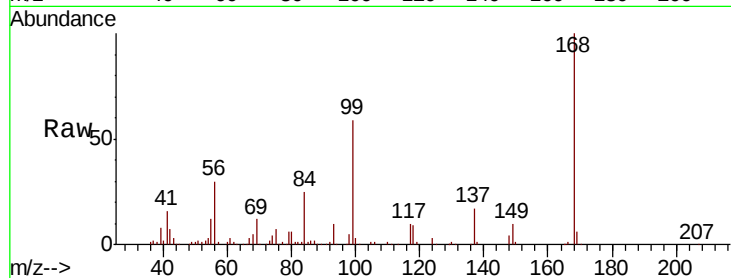
99 58.9 48.4 72.6

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

60000

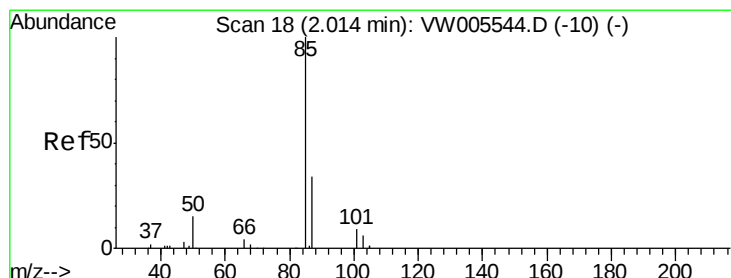
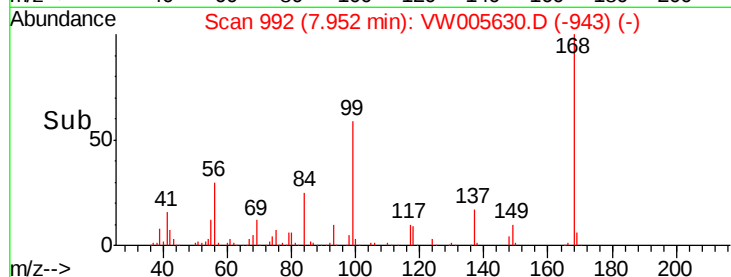
40000

20000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 18.632 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW005630.D

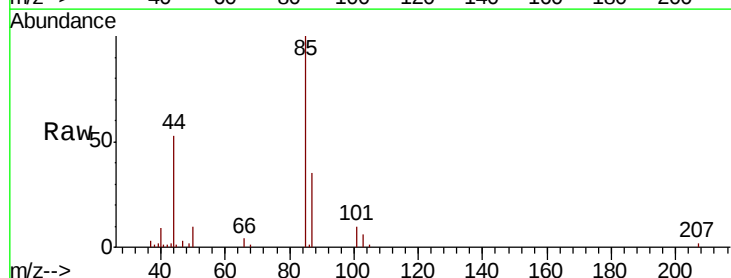
Acq: 26 Sep 2018 01:38

Tgt Ion: 85 Resp: 29543

Ion Ratio Lower Upper

85 100

87 34.7 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

8000

6000

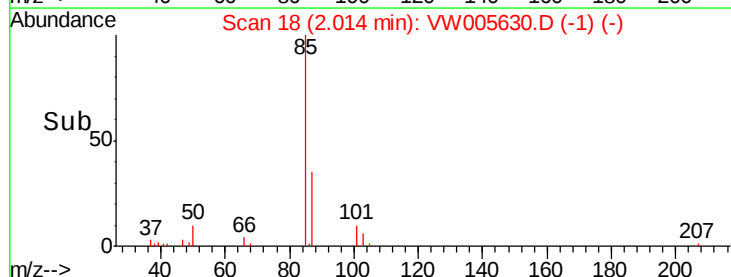
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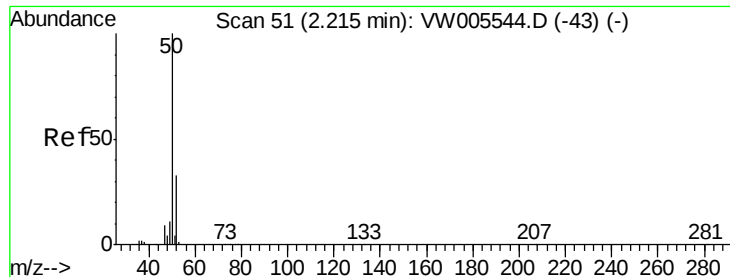
2000

0

1.90 2.00 2.10 2.20

Time-->





#3

Chloromethane

Concen: 16.590 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW005630.D

Acq: 26 Sep 2018 01:38

Instrument :

MSVOA_W

ClientSampleId :

VW0925SBS02

Tot Ion: 50 Resp: 31682

Ion Ratio Lower Upper

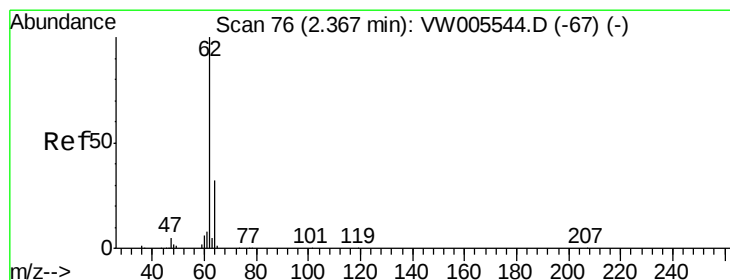
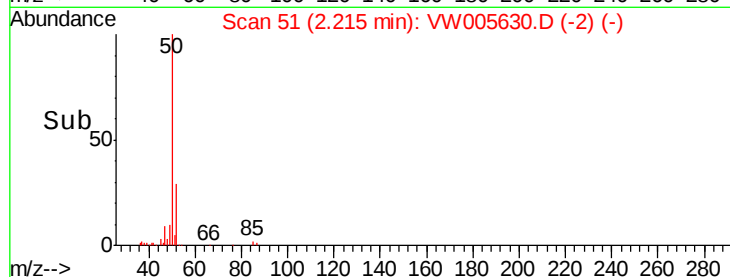
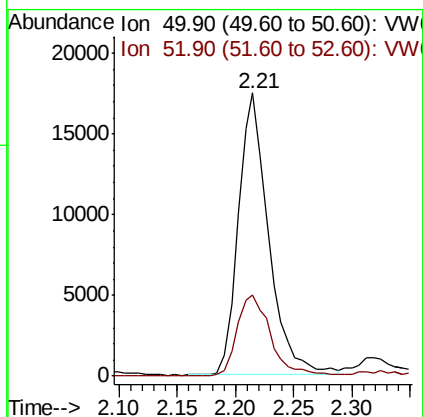
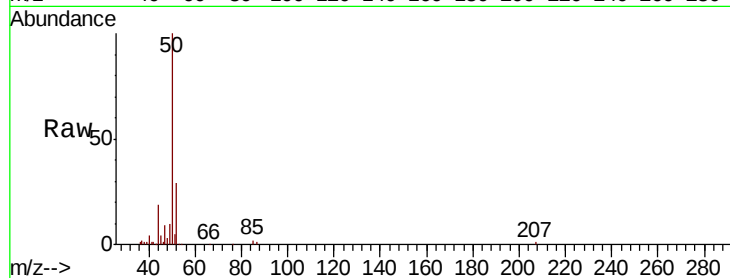
50 100

52 28.9 26.2 39.4

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#4

Vinyl Chloride

Concen: 21.541 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW005630.D

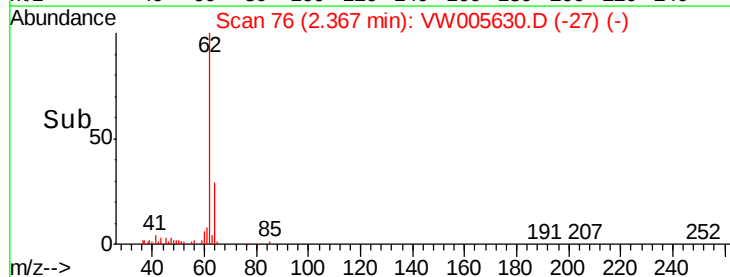
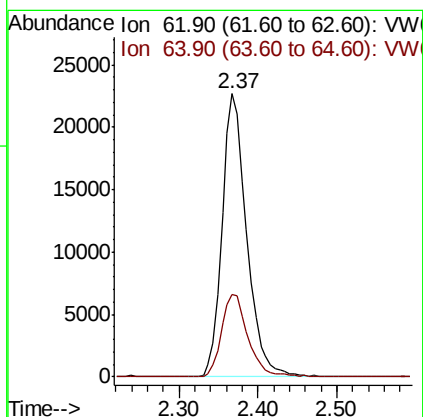
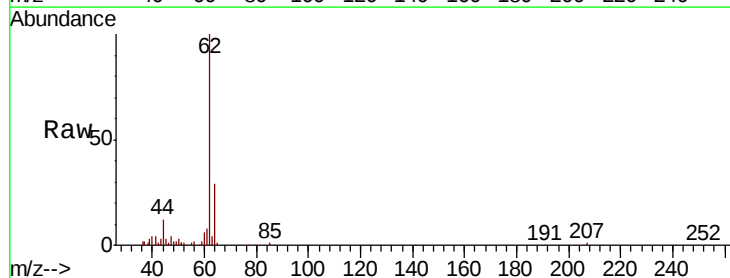
Acq: 26 Sep 2018 01:38

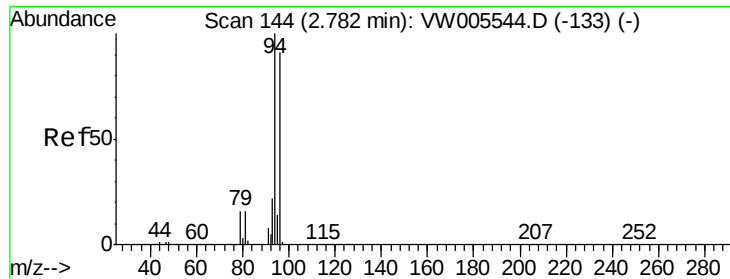
Tgt Ion: 62 Resp: 49171

Ion Ratio Lower Upper

62 100

64 29.3 25.7 38.5





#5

Bromomethane

Concen: 19.009 ug/l

RT: 2.79 min Scan# 145

Delta R.T. 0.01 min

Lab File: VW005630.D

Acq: 26 Sep 2018 01:38

Instrument :

MSVOA_W

ClientSampleId :

VW0925SBS02

Tot Ion: 94 Resp: 29324

Ion Ratio Lower Upper

94 100

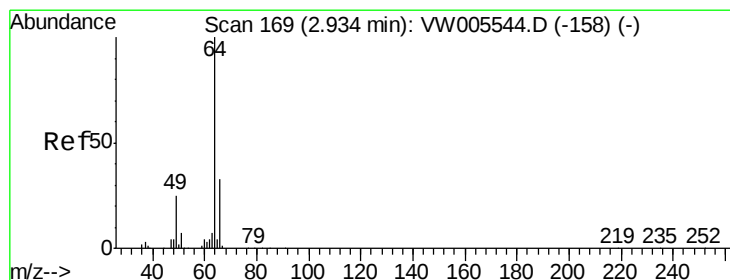
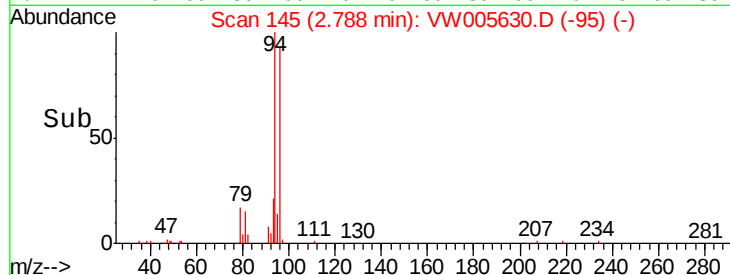
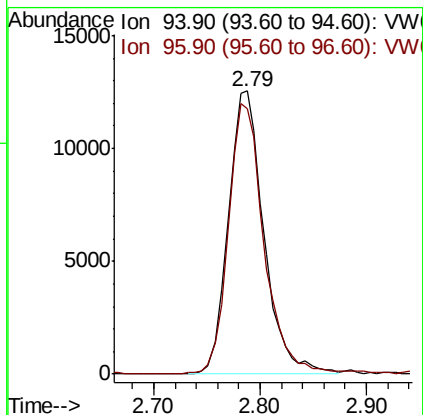
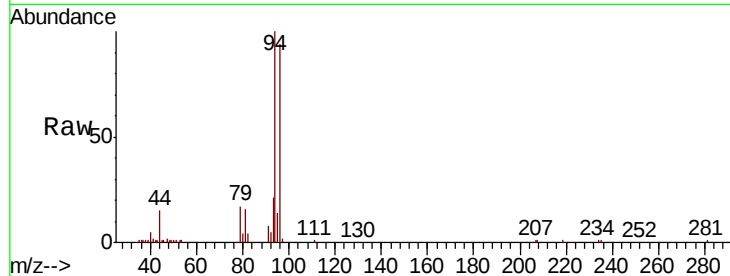
96 93.3 73.1 109.7

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#6

Chloroethane

Concen: 19.289 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW005630.D

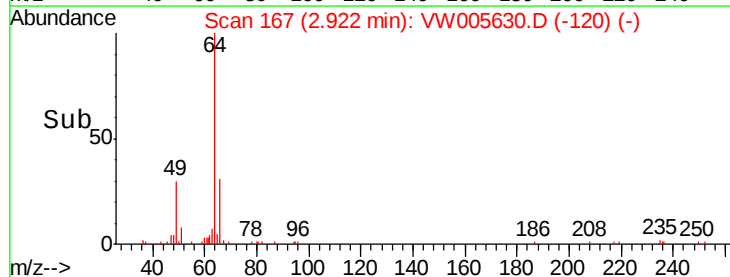
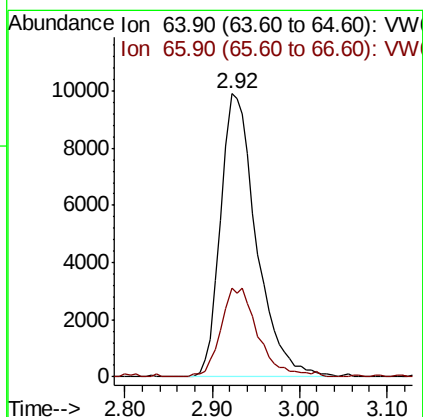
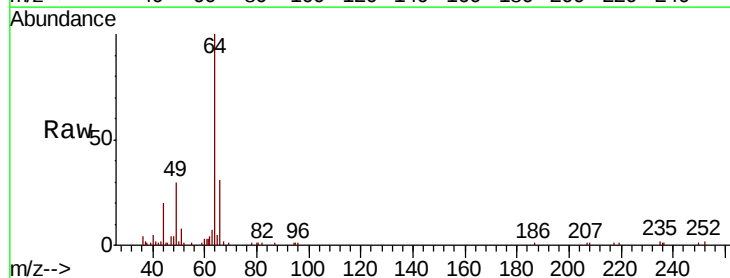
Acq: 26 Sep 2018 01:38

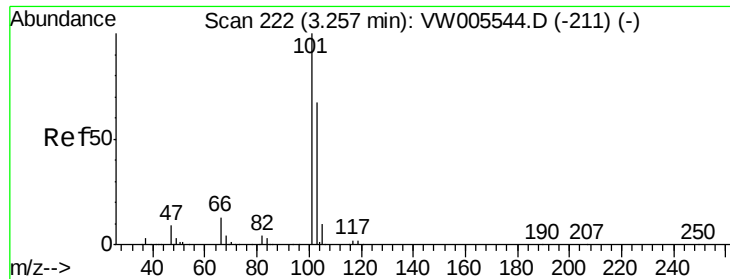
Tgt Ion: 64 Resp: 28253

Ion Ratio Lower Upper

64 100

66 31.4 26.0 39.0





#7

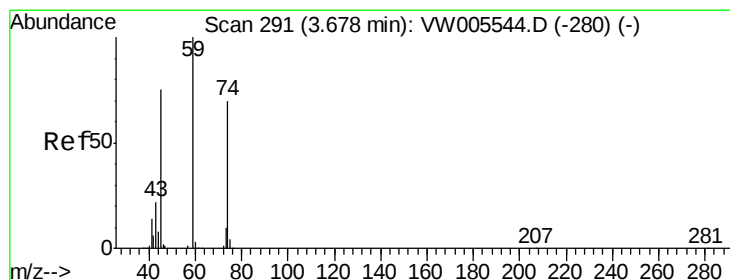
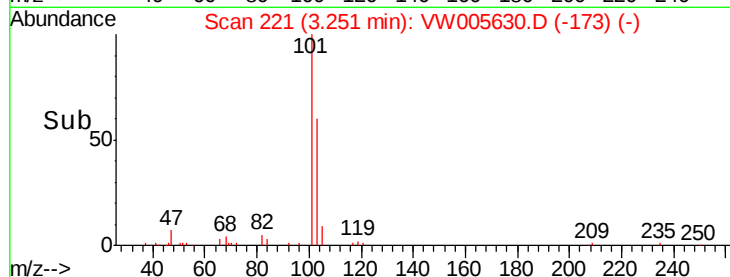
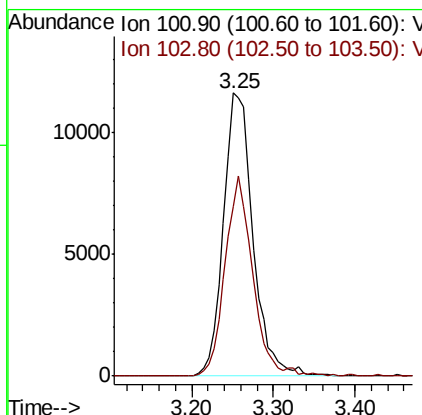
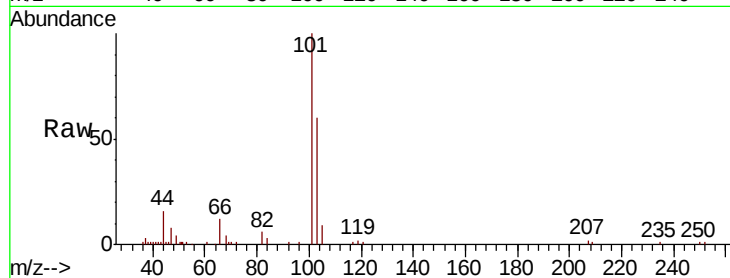
Trichlorofluoromethane
 Concen: 16.329 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.01 min
 Lab File: VW005630.D
 Acq: 26 Sep 2018 01:38

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 VW0925SBS02

Tot Ion	Ratio	Lower	Upper
101	100		
103	59.7	53.2	79.8

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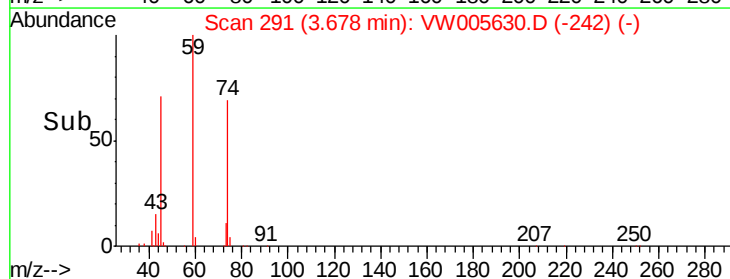
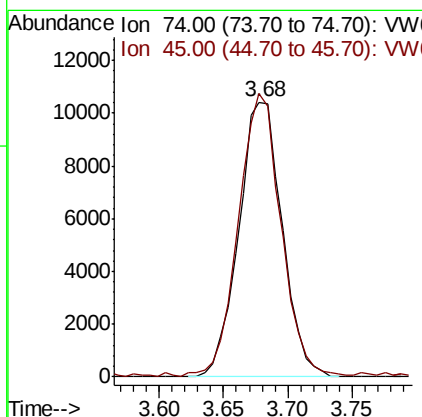
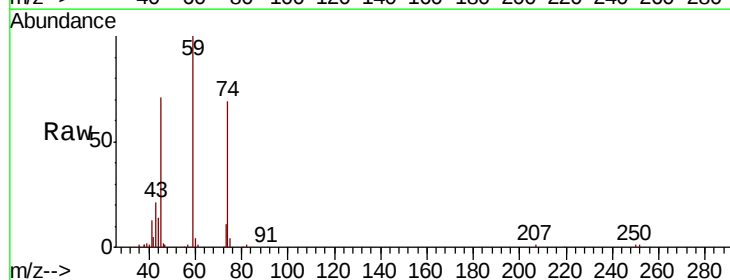
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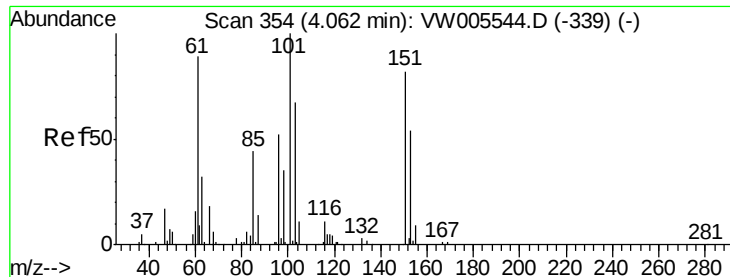


#8

Diethyl Ether
 Concen: 20.806 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW005630.D
 Acq: 26 Sep 2018 01:38

Tgt Ion	Ratio	Lower	Upper
74	100		
45	102.0	51.7	155.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.970 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.00 min

Lab File: VW005630.D

Acq: 26 Sep 2018 01:38

Instrument :

MSVOA_W

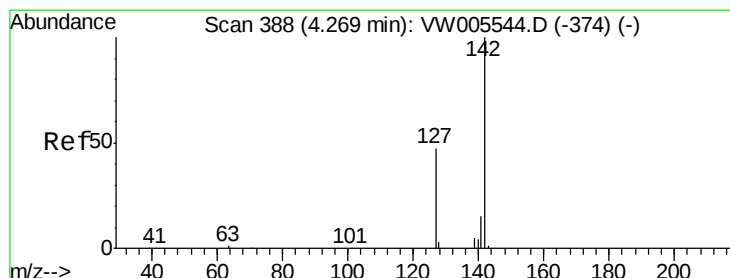
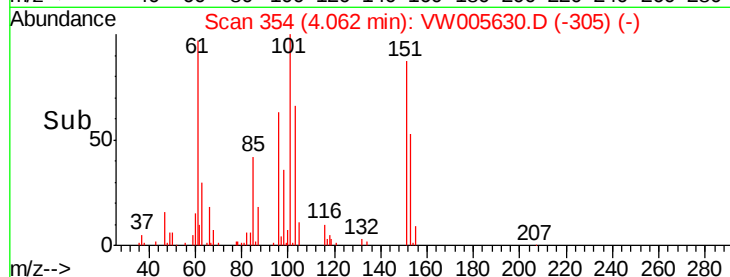
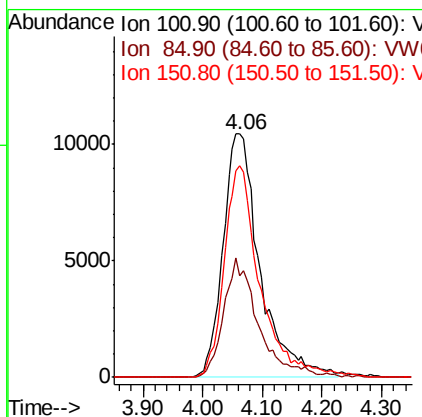
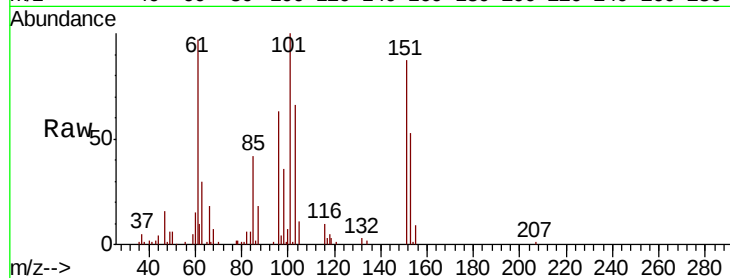
ClientSampleId :

VW0925SBS02

Tot Ion:	101	Resp:	45131
Ion Ratio	Lower	Upper	
101	100		
85	45.4	36.4	54.6
151	84.1	65.8	98.6

Manual Integrations
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#10

Methyl Iodide

Concen: 20.830 ug/l

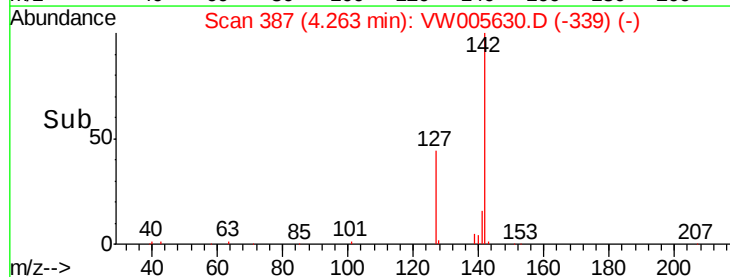
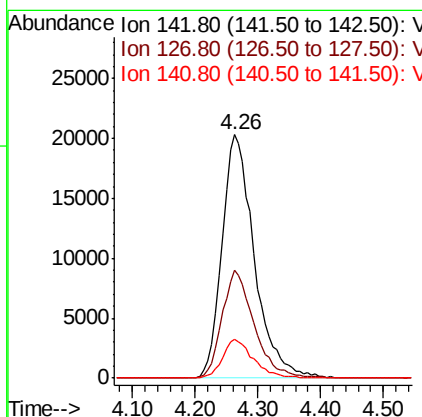
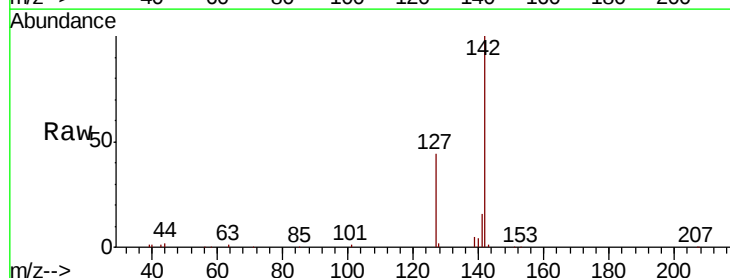
RT: 4.26 min Scan# 387

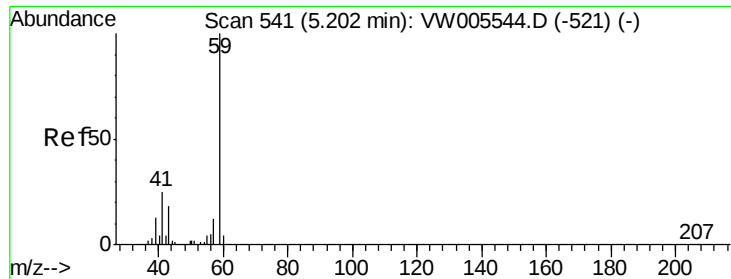
Delta R.T. -0.01 min

Lab File: VW005630.D

Acq: 26 Sep 2018 01:38

Tgt Ion:	142	Resp:	72396
Ion Ratio	Lower	Upper	
142	100		
127	43.8	37.4	56.0
141	15.2	11.9	17.9





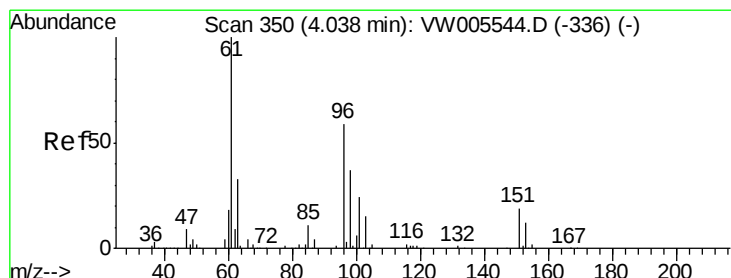
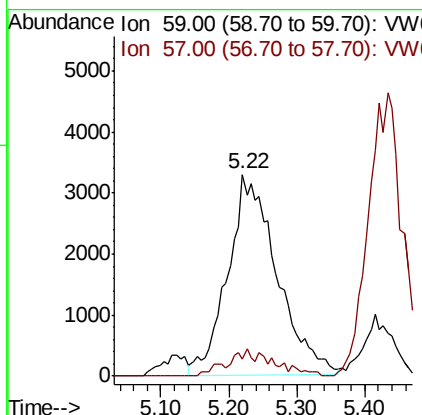
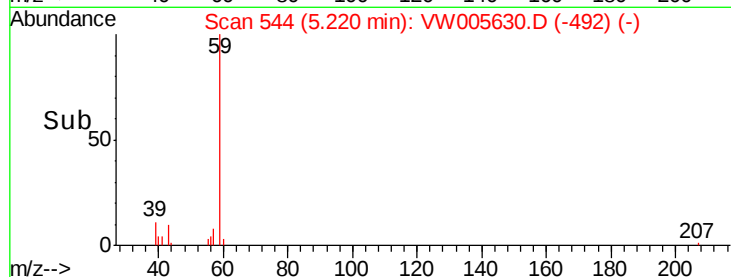
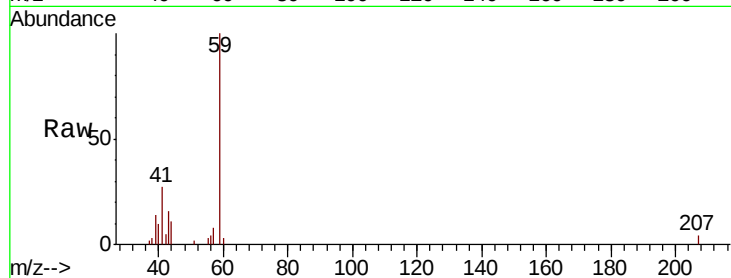
#11
Tert butyl alcohol
Concen: 112.104 ug/l
RT: 5.22 min Scan# 544
Delta R.T. 0.02 min
Lab File: VW005630.D
Acq: 26 Sep 2018 01:38

Instrument :
MSVOA_W
ClientSampleId :
VW0925SBS02

Tot Ion: 59 Resp: 16388
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

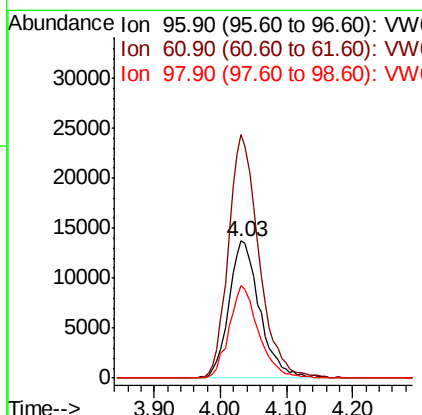
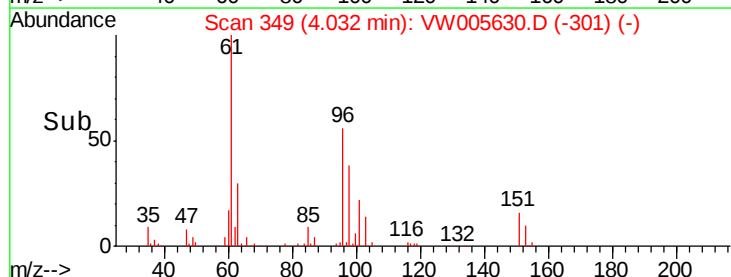
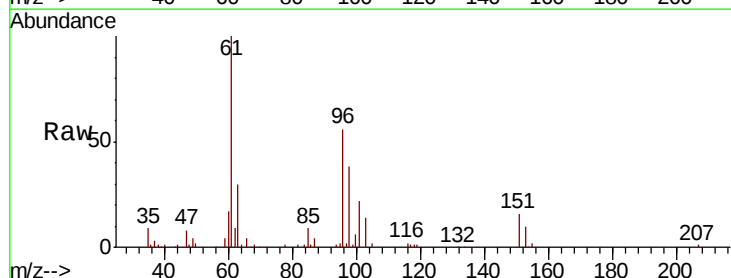
Manual Integrations
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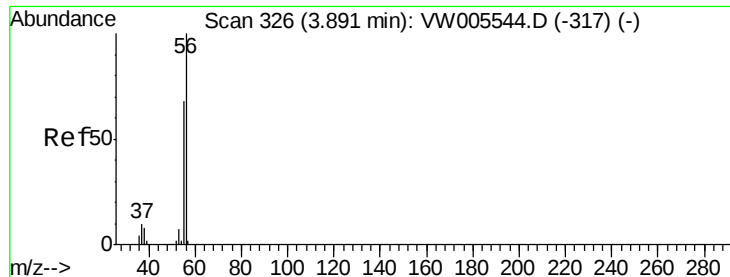
apatel
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#12
1,1-Dichloroethene
Concen: 20.568 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW005630.D
Acq: 26 Sep 2018 01:38

Tgt Ion: 96 Resp: 44500
Ion Ratio Lower Upper
96 100
61 177.7 135.0 202.6
98 67.1 50.6 76.0





#13

Acrolein

Concen: 109.190 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.01 min

Lab File: VW005630.D

Acq: 26 Sep 2018 01:38

Instrument :

MSVOA_W

ClientSampleId :

VW0925SBS02

Tot Ion: 56 Resp: 11622

Ion Ratio Lower Upper

56 100

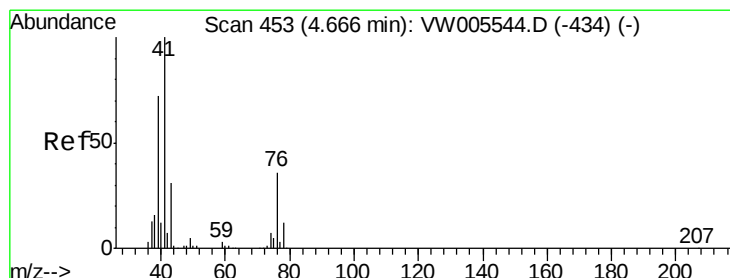
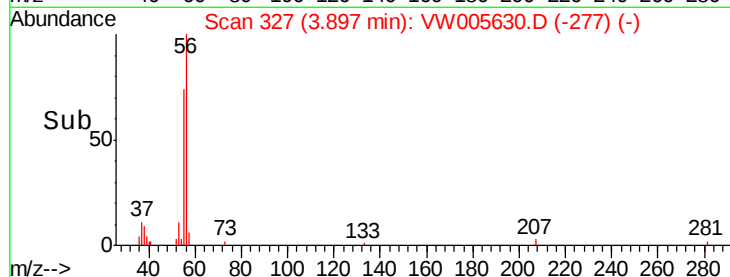
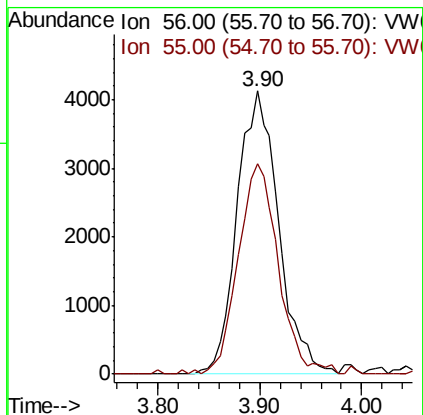
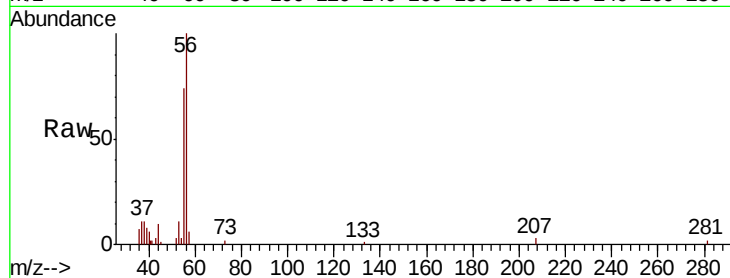
55 72.2 57.8 86.8

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#14

Allyl chloride

Concen: 20.375 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW005630.D

Acq: 26 Sep 2018 01:38

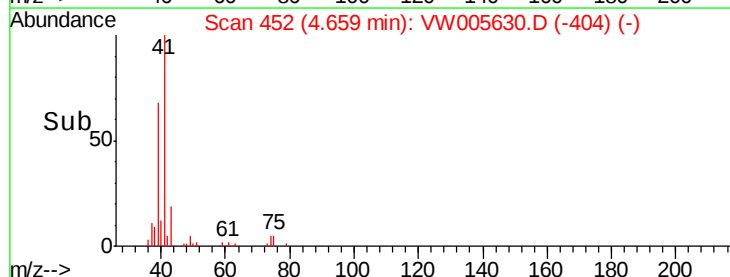
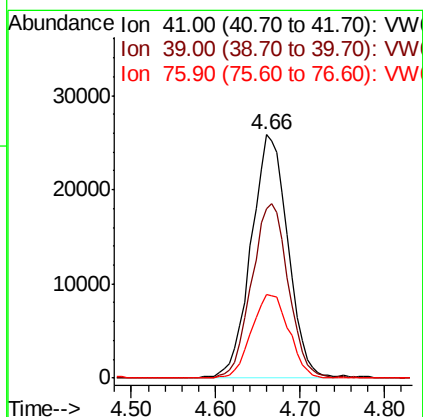
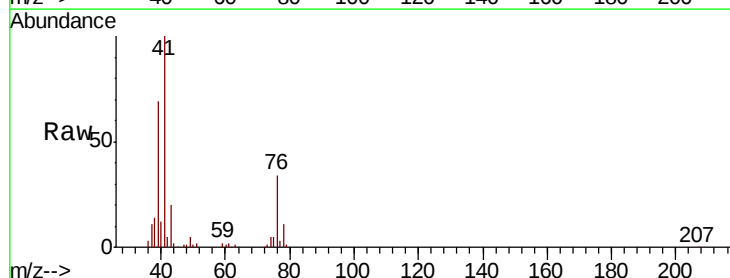
Tgt Ion: 41 Resp: 76932

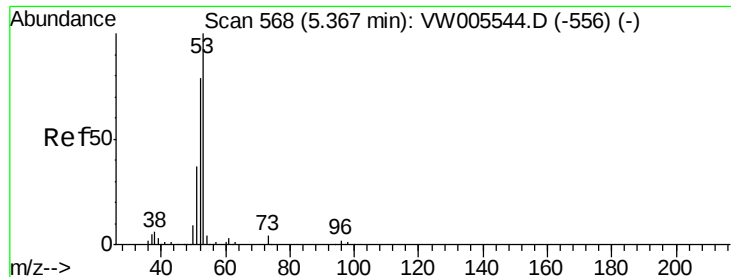
Ion Ratio Lower Upper

41 100

39 71.5 59.6 89.4

76 35.0 27.7 41.5





#15

Acrylonitrile

Concen: 104.983 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.01 min

Lab File: VW005630.D

Acq: 26 Sep 2018 01:38

Instrument :

MSVOA_W

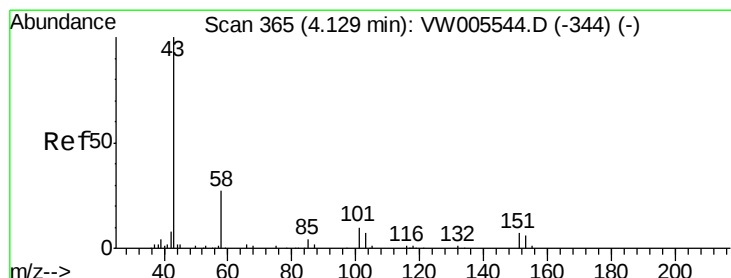
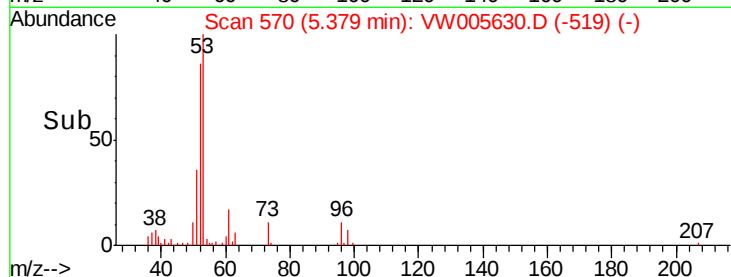
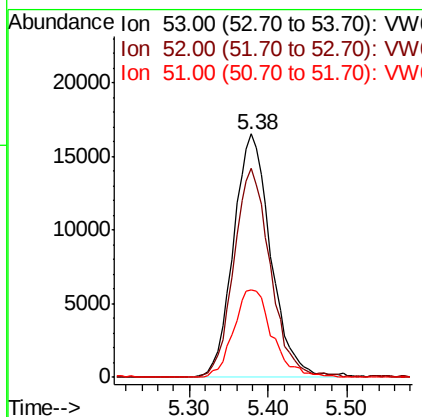
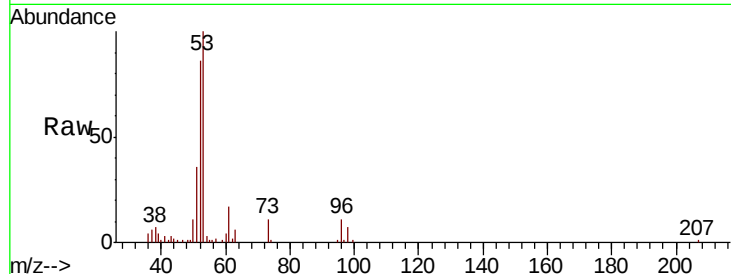
ClientSampleId :

VW0925SBS02

Tot Ion:	53	Resp:	54360
Ion Ratio	Lower	Upper	
53	100		
52	83.5	66.5	99.7
51	37.4	30.6	46.0

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#16

Acetone

Concen: 103.850 ug/l

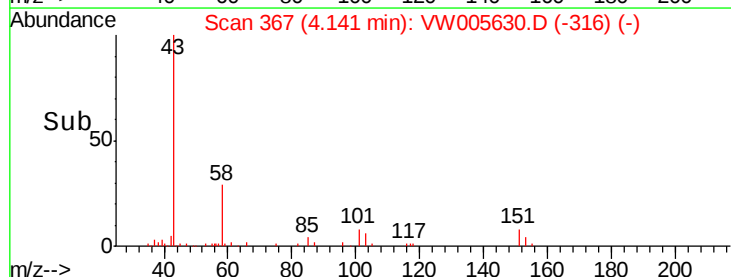
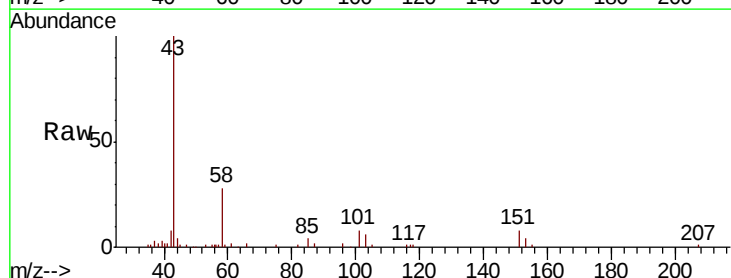
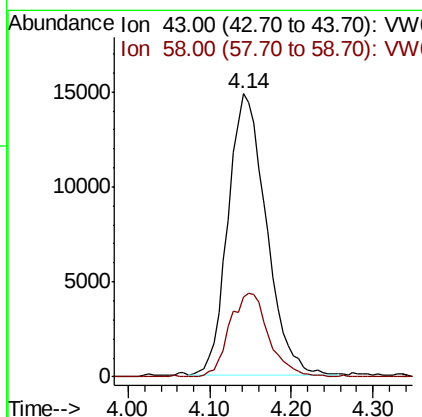
RT: 4.14 min Scan# 367

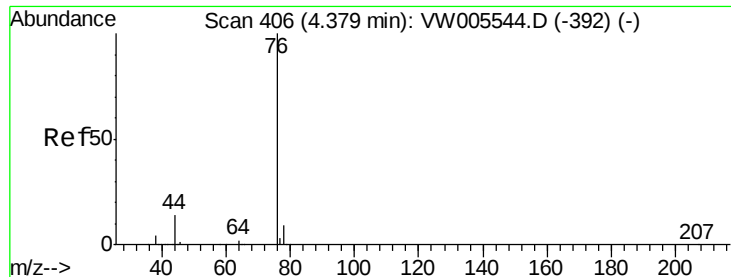
Delta R.T. 0.01 min

Lab File: VW005630.D

Acq: 26 Sep 2018 01:38

Tgt Ion:	43	Resp:	48118
Ion Ratio	Lower	Upper	
43	100		
58	28.5	21.8	32.8





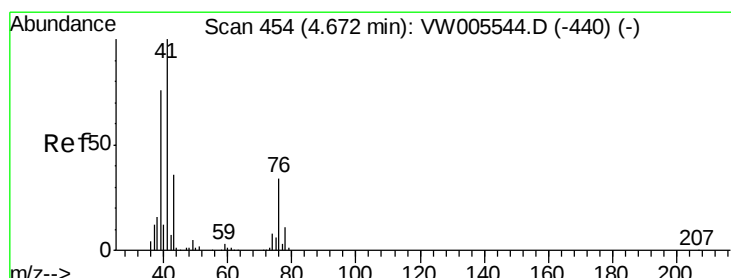
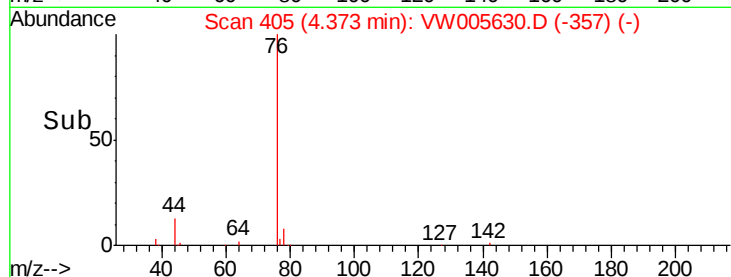
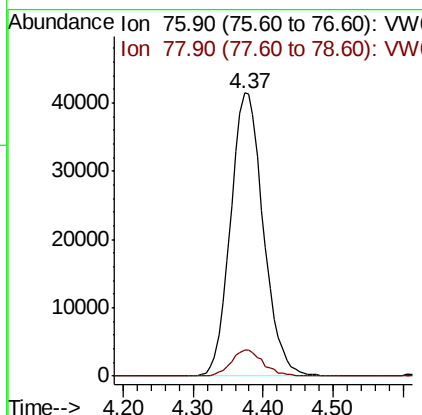
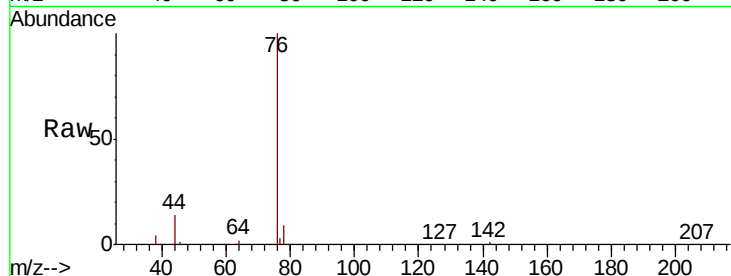
#17
Carbon Disulfide
Concen: 19.964 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW005630.D
Acq: 26 Sep 2018 01:38

Instrument :
MSVOA_W
ClientSampleId :
VW0925SBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.4	11.0

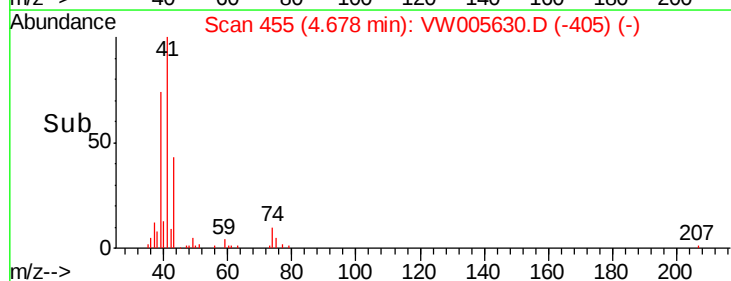
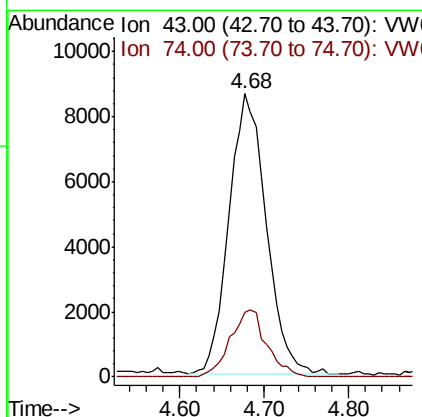
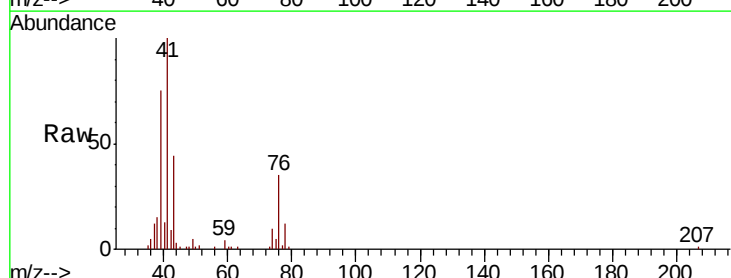
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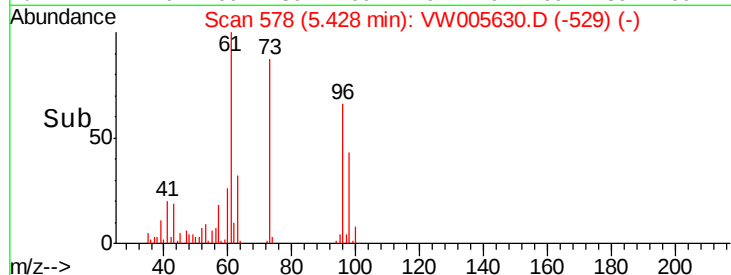
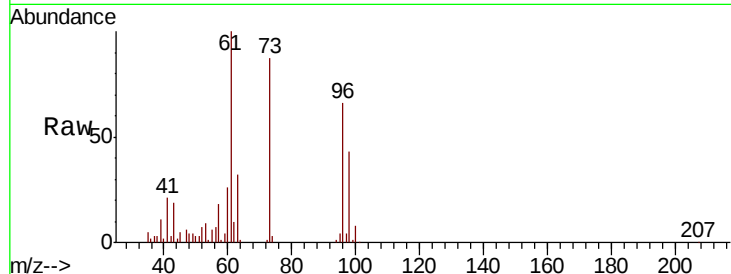
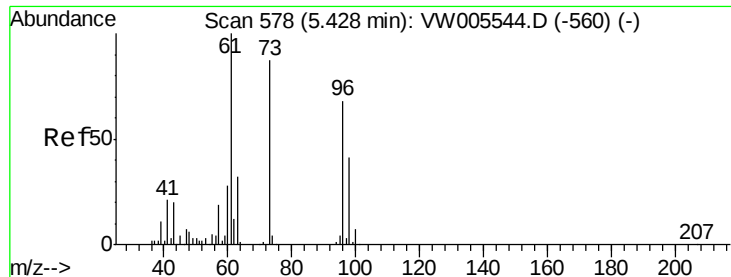
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#18
Methyl Acetate
Concen: 19.536 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.01 min
Lab File: VW005630.D
Acq: 26 Sep 2018 01:38

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.2	19.2	28.8





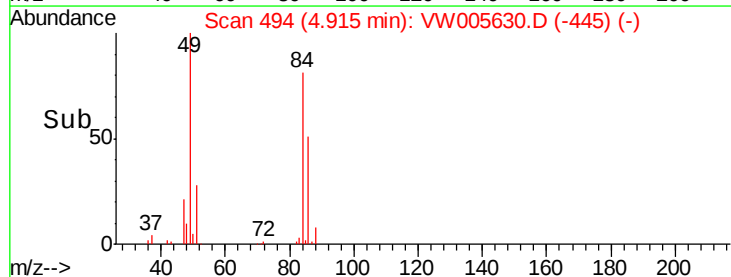
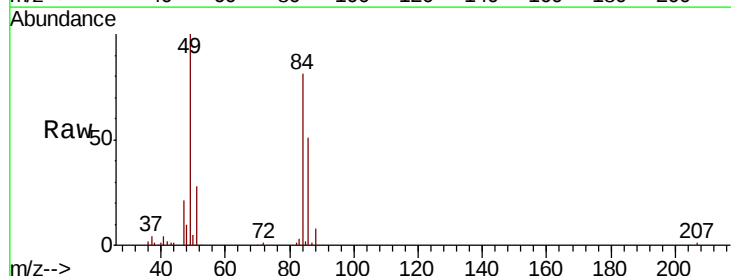
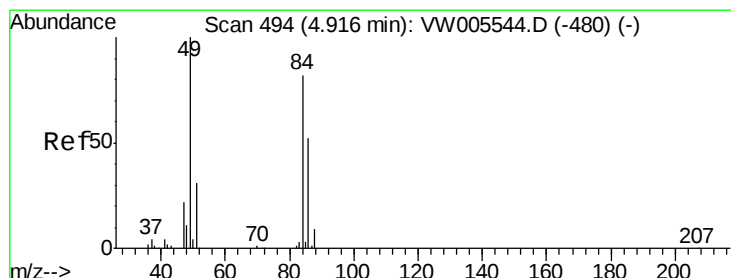
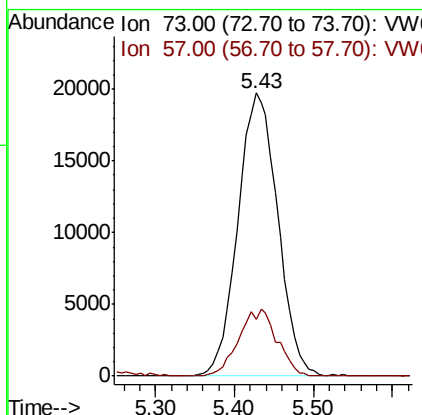
#19
Methyl tert-butyl Ether
Concen: 20.793 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW005630.D
Acq: 26 Sep 2018 01:38

Tot Ion: 73 Resp: 69439
Ion Ratio Lower Upper
73 100
57 20.3 17.6 26.4

Instrument :
MSVOA_W
ClientSampleId :
VW0925SBS02

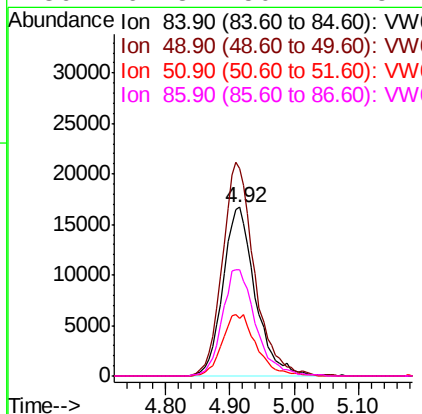
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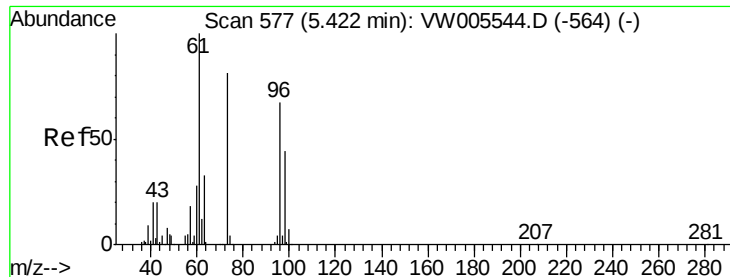
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#20
Methylene Chloride
Concen: 22.722 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW005630.D
Acq: 26 Sep 2018 01:38

Tgt Ion: 84 Resp: 58764
Ion Ratio Lower Upper
84 100
49 123.1 97.0 145.6
51 34.3 30.2 45.2
86 62.8 50.2 75.4





#21

trans-1,2-Dichloroethene

Concen: 20.738 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW005630.D

Acq: 26 Sep 2018 01:38

Instrument :

MSVOA_W

ClientSampleId :

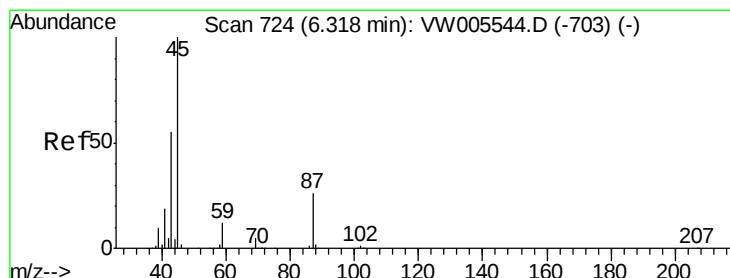
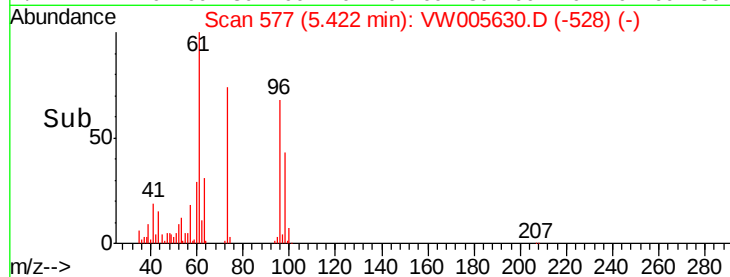
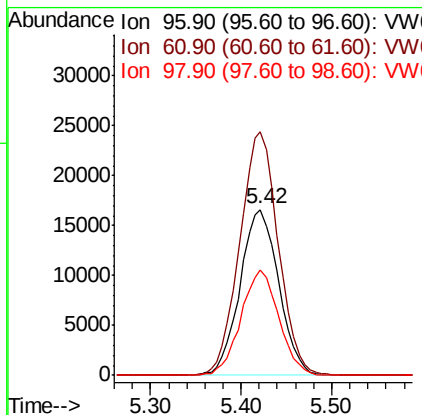
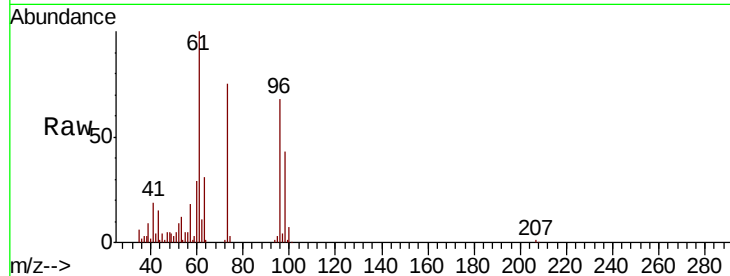
VW0925SBS02

Tot Ion:	96	Resp:	49144
Ion	Ratio	Lower	Upper
96	100		
61	146.8	118.9	178.3
98	63.2	52.1	78.1

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#22

Diisopropyl ether

Concen: 21.211 ug/l

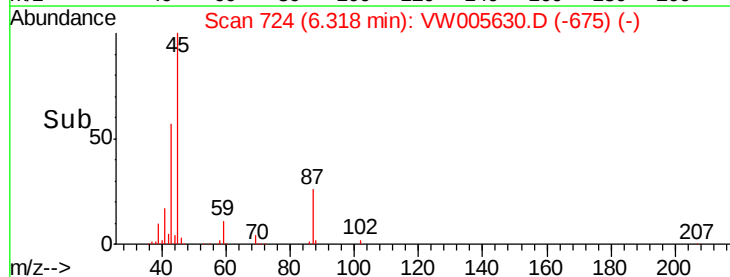
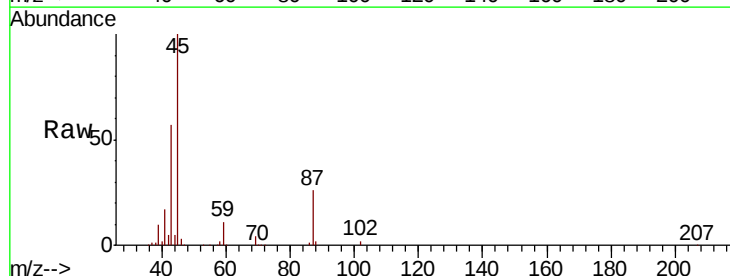
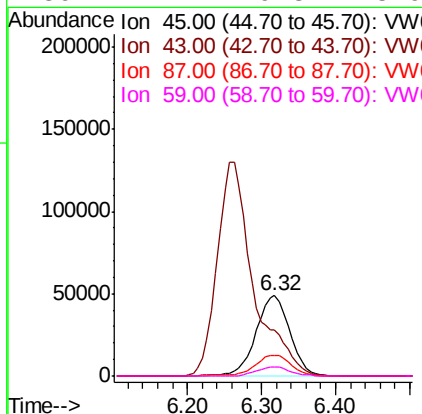
RT: 6.32 min Scan# 724

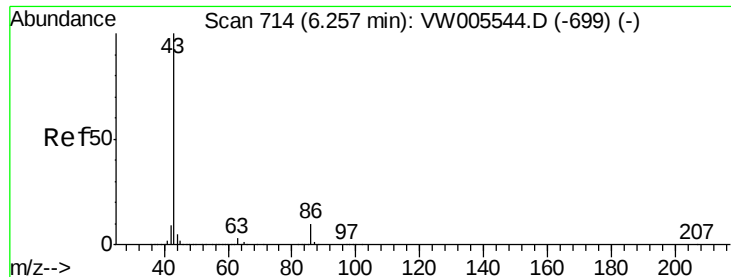
Delta R.T. -0.00 min

Lab File: VW005630.D

Acq: 26 Sep 2018 01:38

Tgt Ion:	45	Resp:	155479
Ion	Ratio	Lower	Upper
45	100		
43	56.5	44.2	66.4
87	26.0	21.4	32.2
59	11.2	9.3	13.9





#23

Vinyl Acetate

Concen: 105.112 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.00 min

Lab File: VW005630.D

Acq: 26 Sep 2018 01:38

Instrument :

MSVOA_W

ClientSampleId :

VW0925SBS02

Tot Ion: 43 Resp: 440376

Ion Ratio Lower Upper

43 100

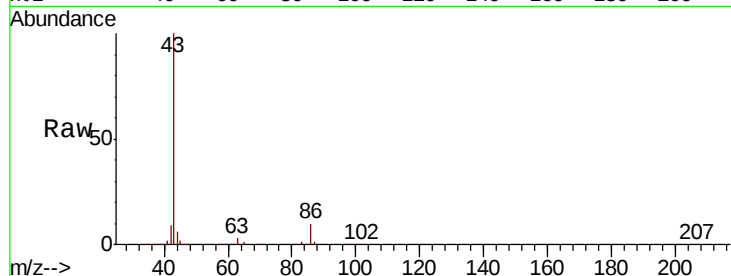
86 9.7 7.7 11.5

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

150000

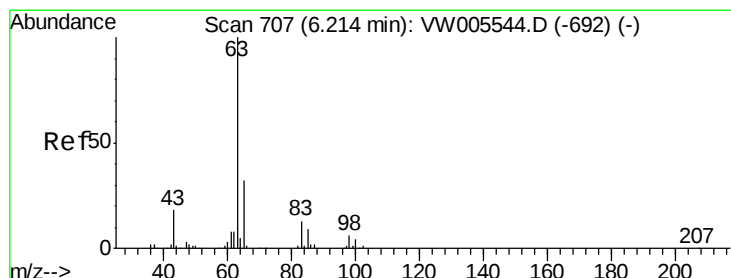
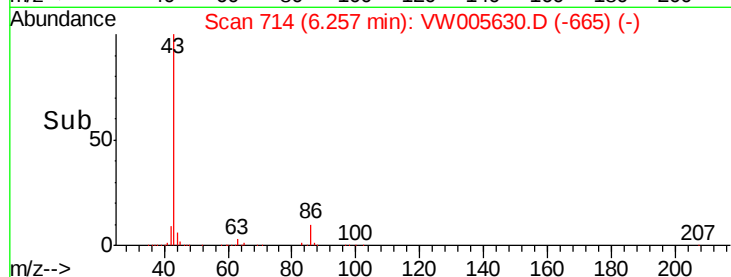
6.26

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 20.345 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.01 min

Lab File: VW005630.D

Acq: 26 Sep 2018 01:38

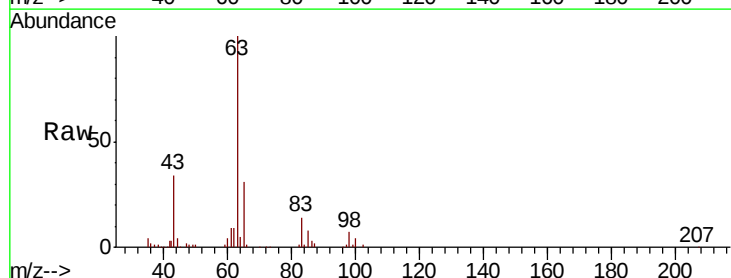
Tgt Ion: 63 Resp: 92136

Ion Ratio Lower Upper

63 100

98 6.9 2.9 8.8

100 3.8 2.1 6.2



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

40000

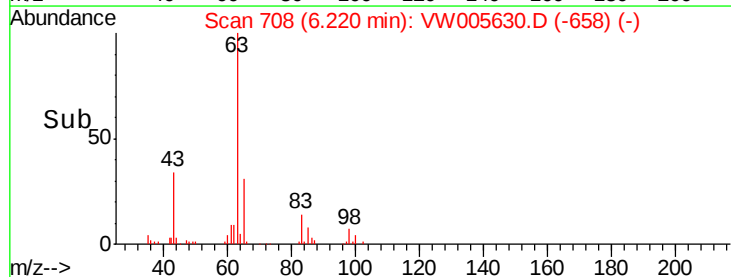
30000

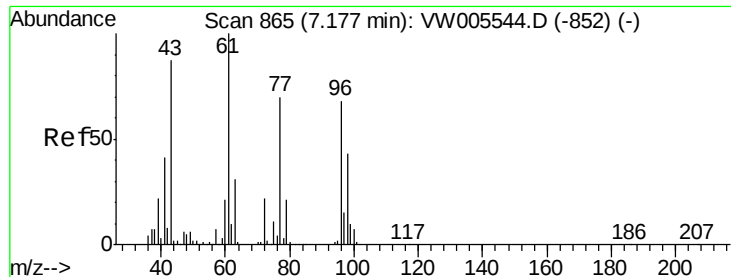
20000

10000

0

Time-->





#25

2-Butanone

Concen: 103.467 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW005630.D

Acq: 26 Sep 2018 01:38

Instrument :

MSVOA_W

ClientSampleId :

VW0925SBS02

Tot Ion: 43 Resp: 70329

Ion Ratio Lower Upper

43 100

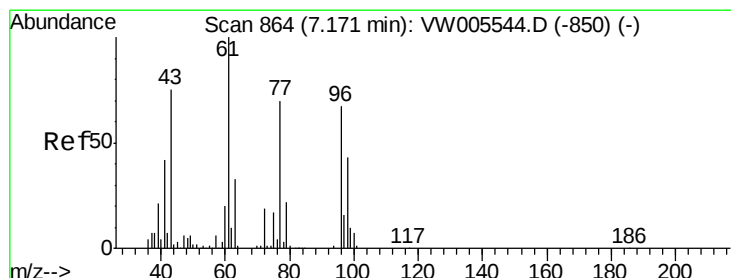
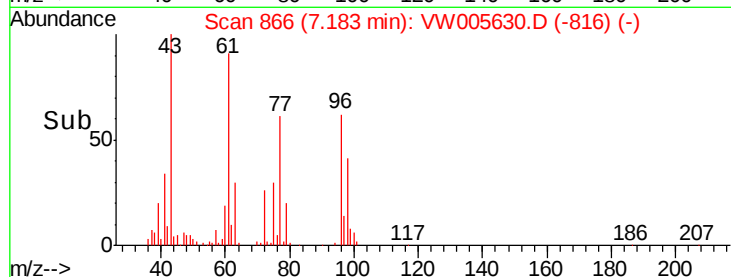
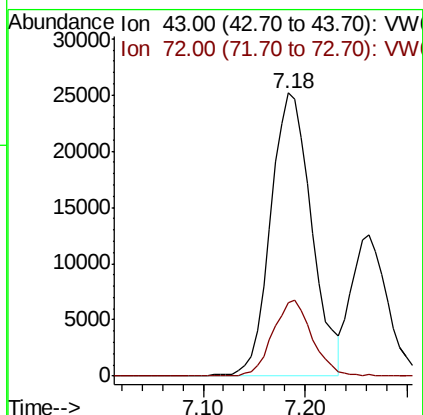
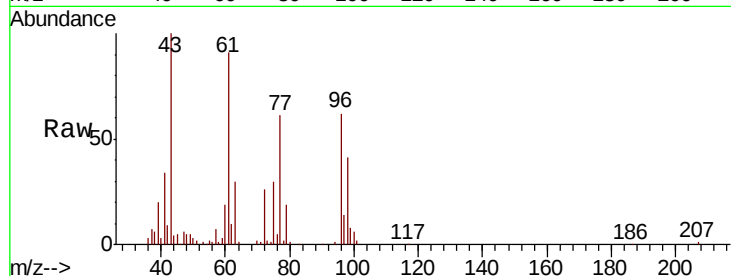
72 25.9 19.9 29.9

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 18.018 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW005630.D

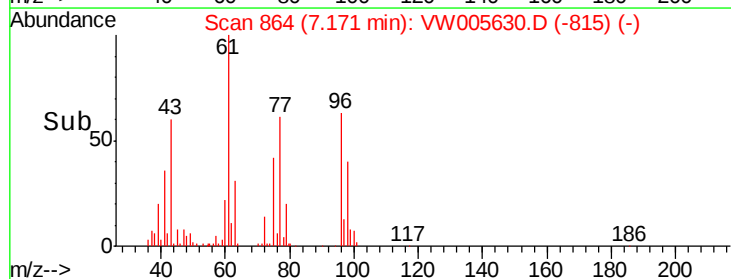
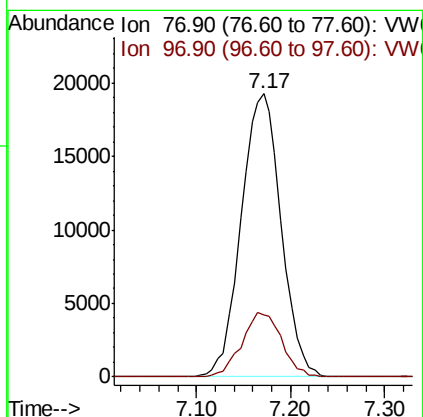
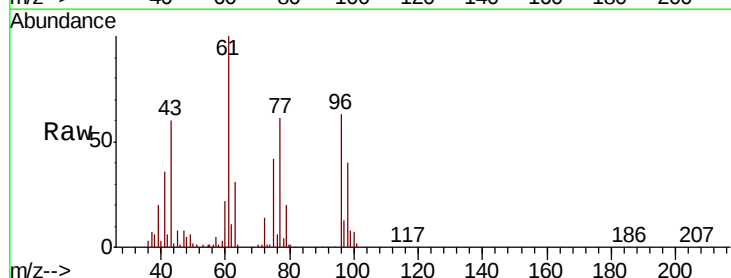
Acq: 26 Sep 2018 01:38

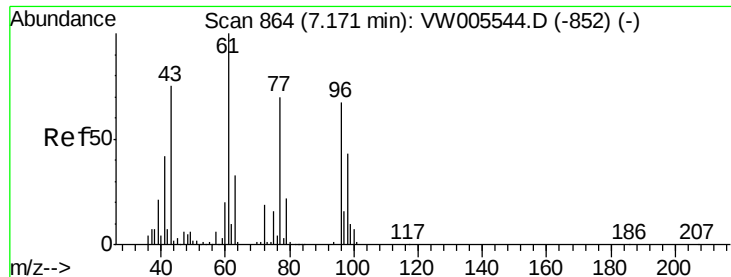
Tgt Ion: 77 Resp: 56965

Ion Ratio Lower Upper

77 100

97 22.7 11.0 33.0





#27

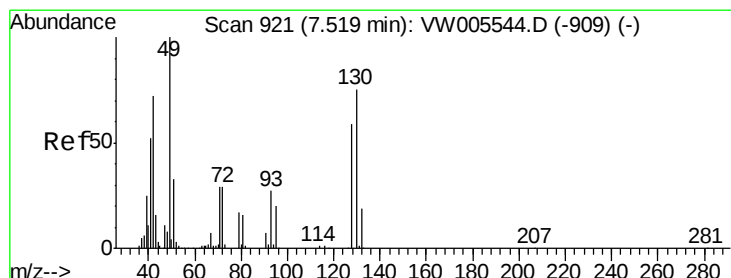
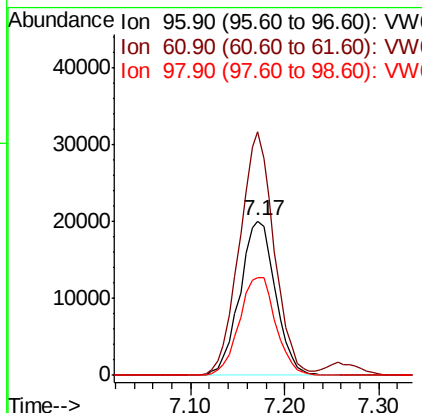
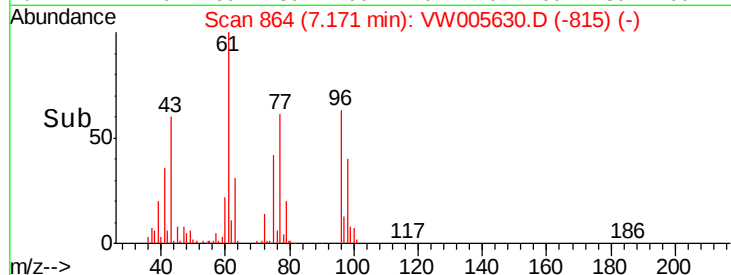
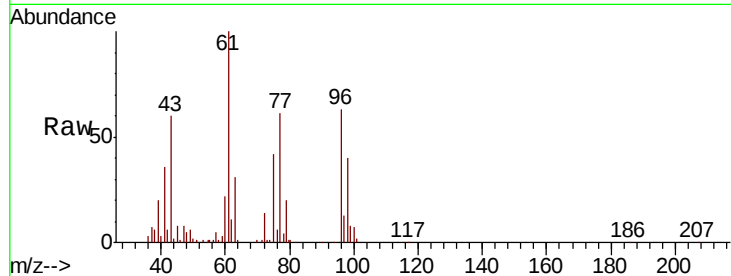
cis-1,2-Dichloroethene
 Concen: 20.285 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: VW005630.D
 Acq: 26 Sep 2018 01:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0925SBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	153.1	0.0	303.4
98	65.0	0.0	127.2

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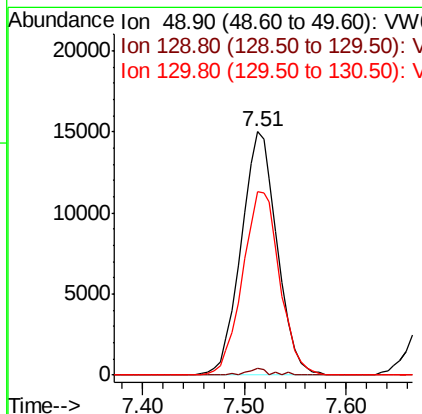
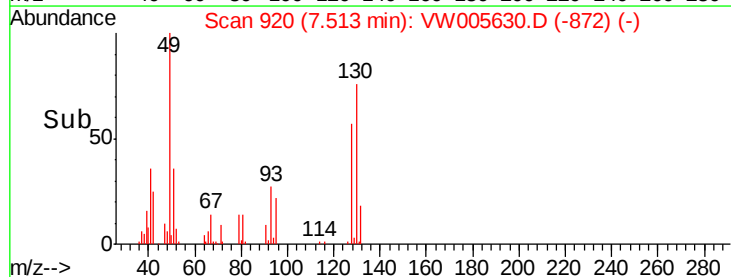
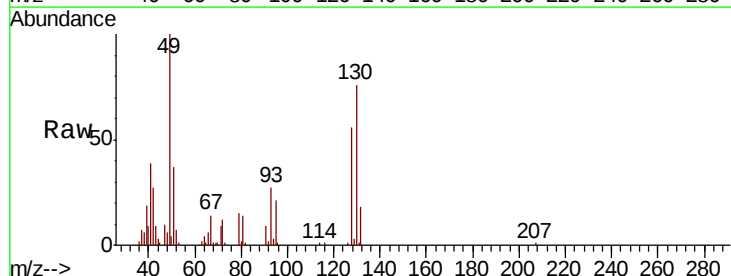
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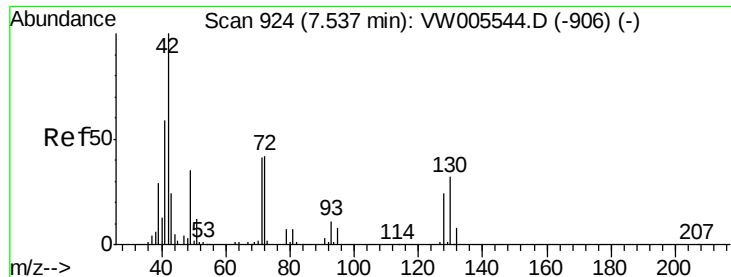


#28

Bromochloromethane
 Concen: 20.423 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: VW005630.D
 Acq: 26 Sep 2018 01:38

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	1.4#
130	78.4	61.3	91.9





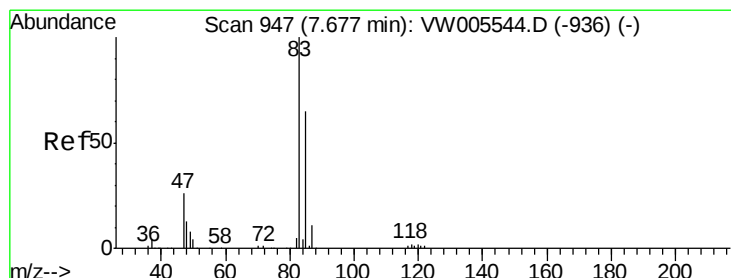
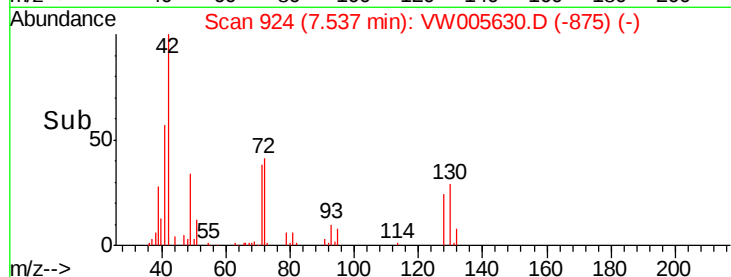
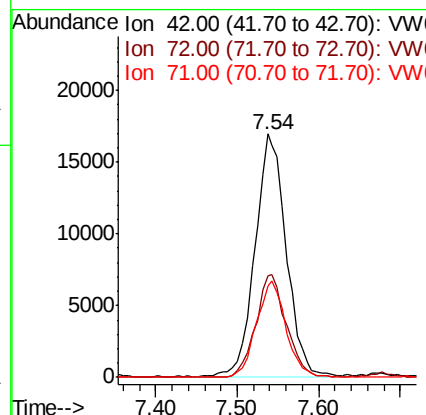
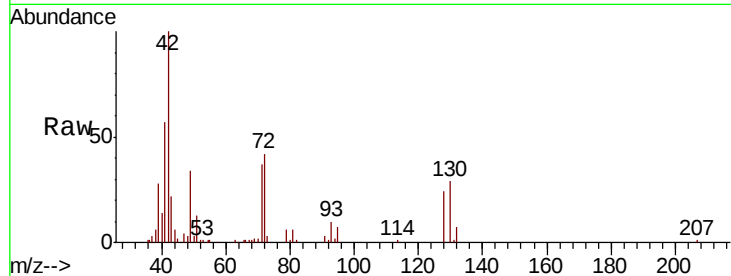
#29
Tetrahydrofuran
Concen: 107.035 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.00 min
Lab File: VW005630.D
Acq: 26 Sep 2018 01:38

Instrument :
MSVOA_W
ClientSampleId :
VW0925SBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.4	33.6	50.4
71	37.5	31.8	47.6

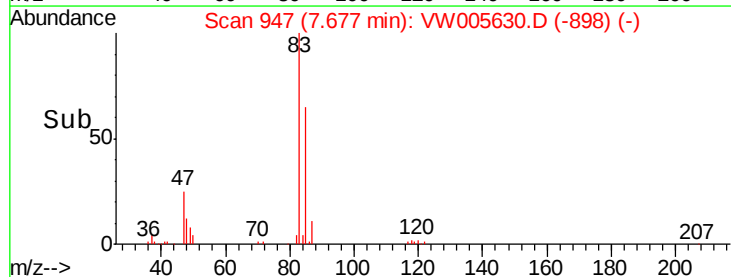
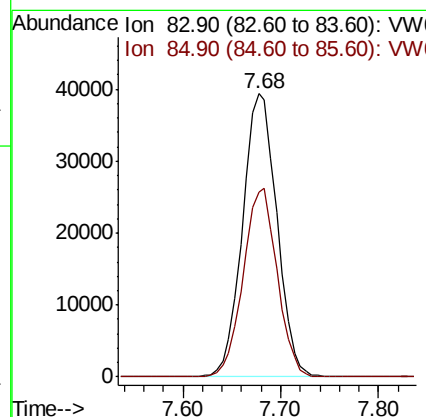
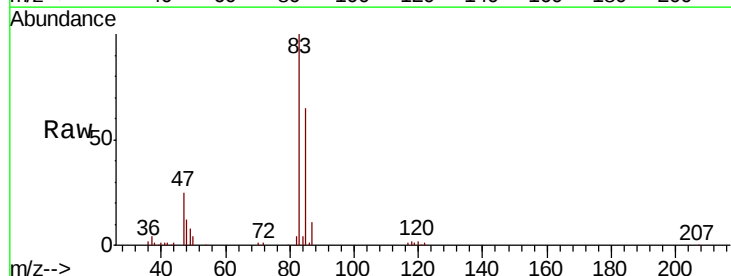
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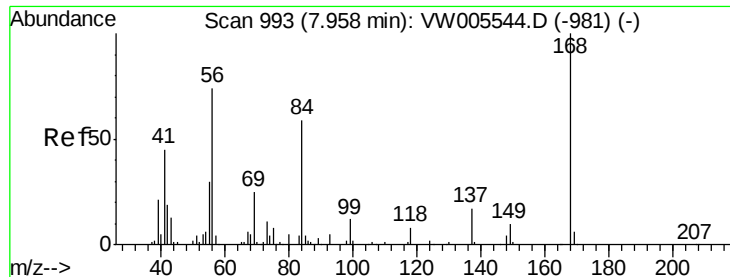
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#30
Chloroform
Concen: 20.500 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW005630.D
Acq: 26 Sep 2018 01:38

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.1	51.8	77.6





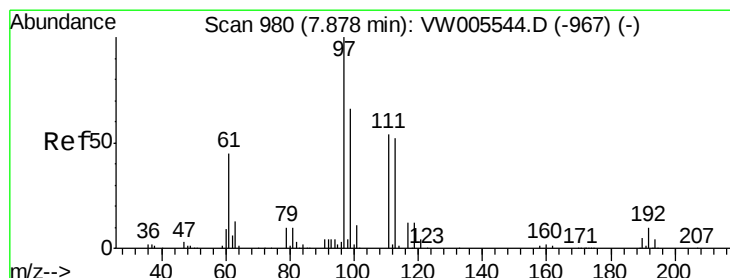
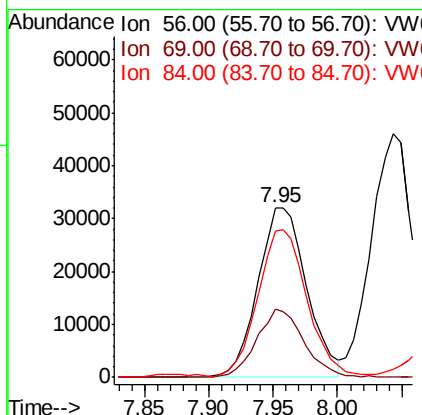
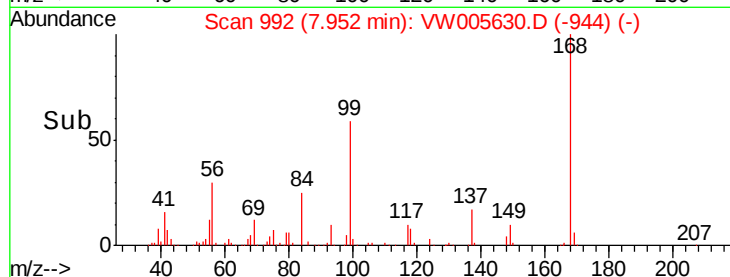
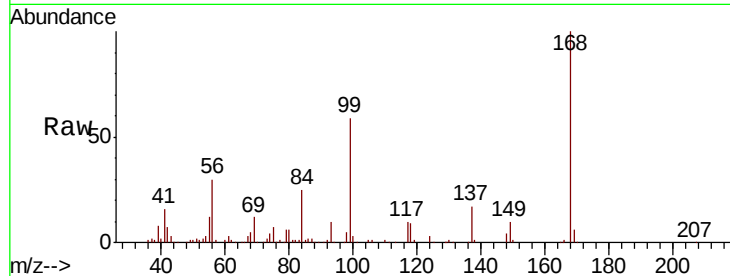
#31
Cyclohexane
Concen: 19.432 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW005630.D
Acq: 26 Sep 2018 01:38

Instrument :
MSVOA_W
ClientSampleId :
VW0925SBS02

Tot Ion	Ratio	Lower	Upper
56	100		
69	39.8	27.0	40.4
84	84.6	64.2	96.4

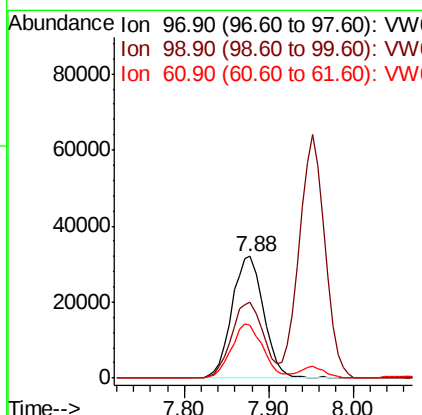
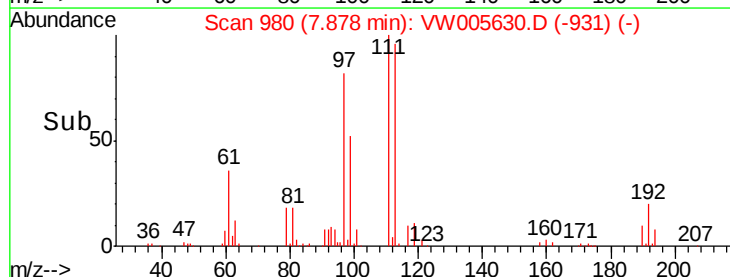
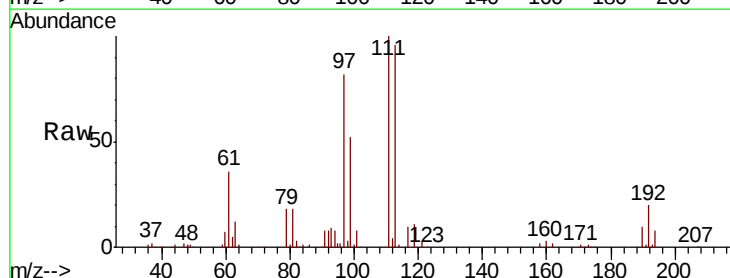
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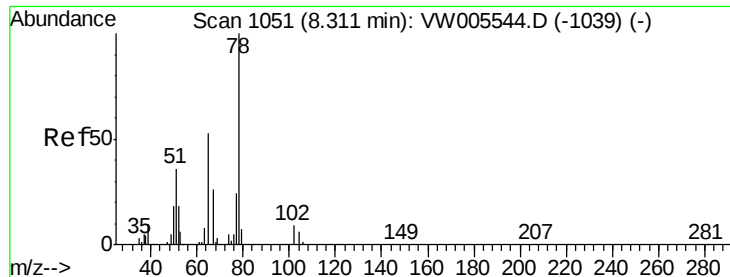
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#32
1,1,1-Trichloroethane
Concen: 19.832 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.00 min
Lab File: VW005630.D
Acq: 26 Sep 2018 01:38

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.2	51.0	76.6
61	43.9	36.2	54.2





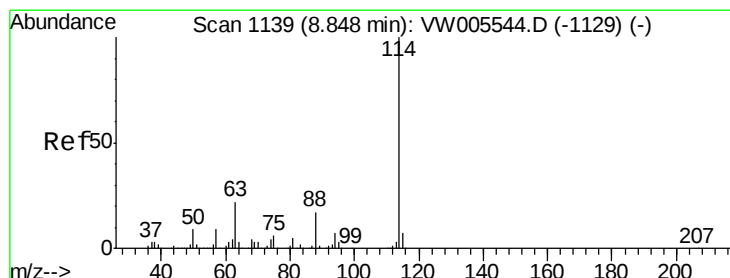
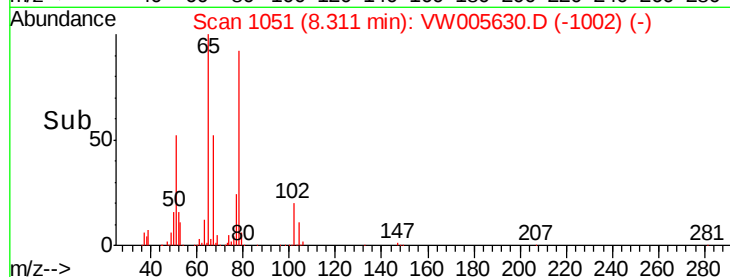
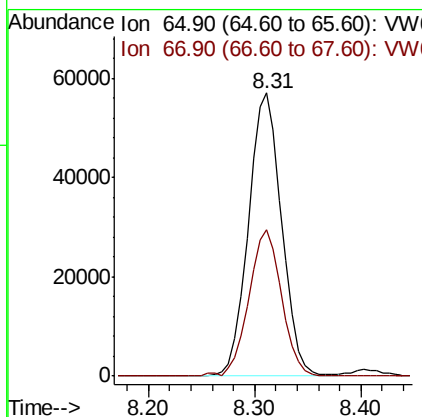
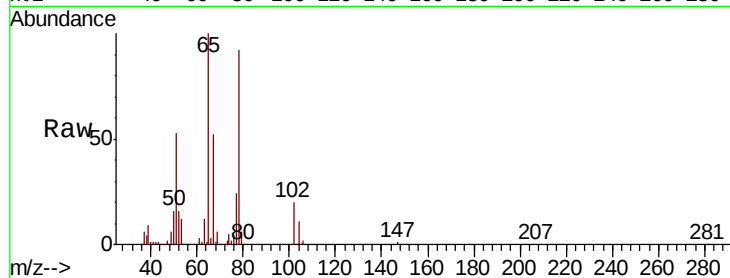
#33
 1,2-Dichloroethane-d4
 Concen: 44.566 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005630.D
 Acq: 26 Sep 2018 01:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0925SBS02

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	50.9	0.0	100.6	

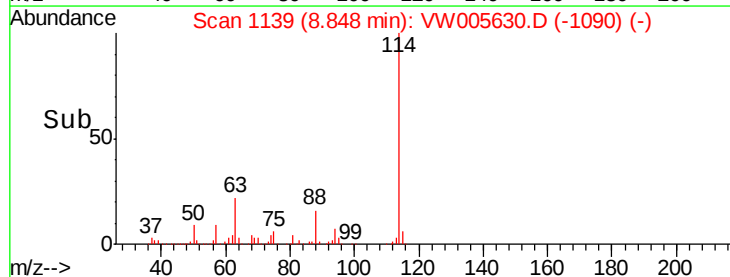
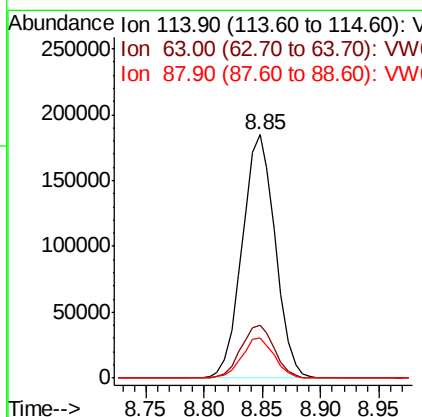
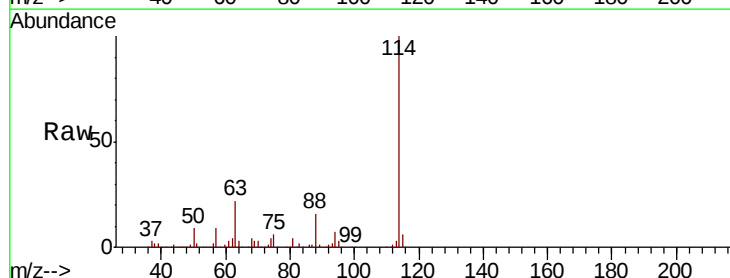
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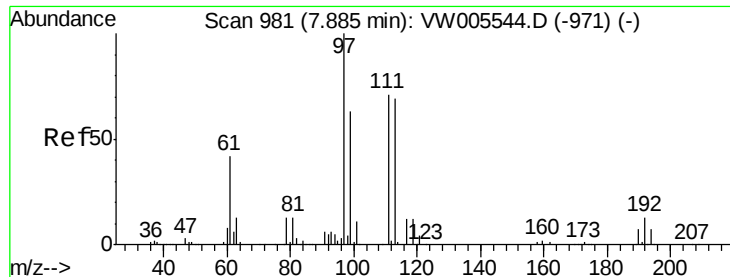
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005630.D
 Acq: 26 Sep 2018 01:38

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	21.9	0.0	43.0	
88	16.2	0.0	33.0	





#35

Dibromofluoromethane

Concen: 45.965 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.01 min

Lab File: VW005630.D

Acq: 26 Sep 2018 01:38

Instrument :

MSVOA_W

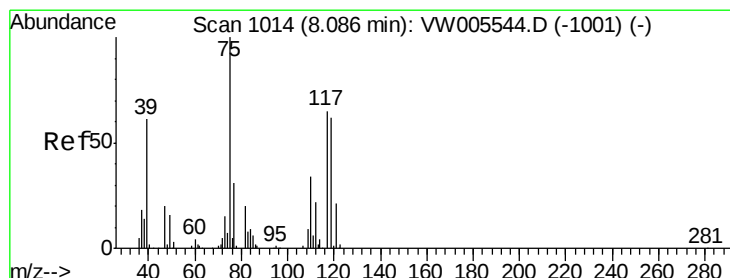
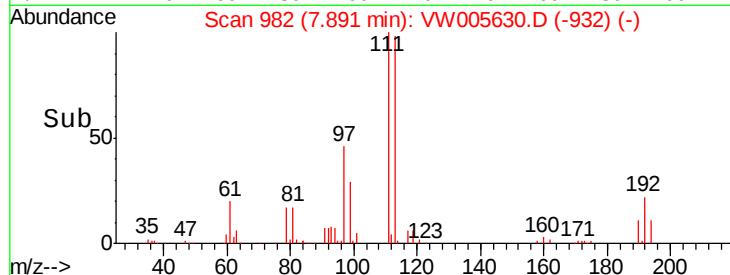
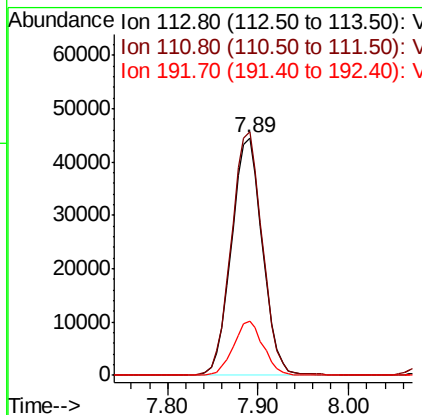
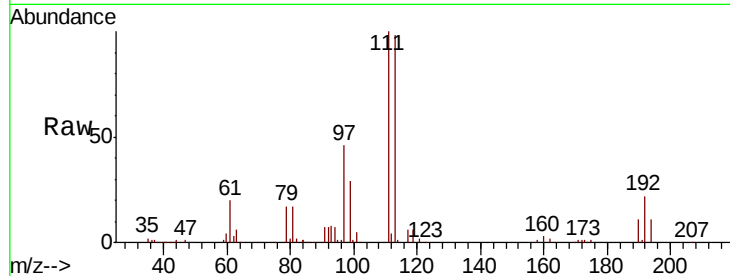
ClientSampleId :

VW0925SBS02

Tot Ion:	113	Resp:	105286
Ion Ratio	Lower	Upper	
113	100		
111	103.0	82.6	123.8
192	21.8	17.0	25.4

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 20.109 ug/l

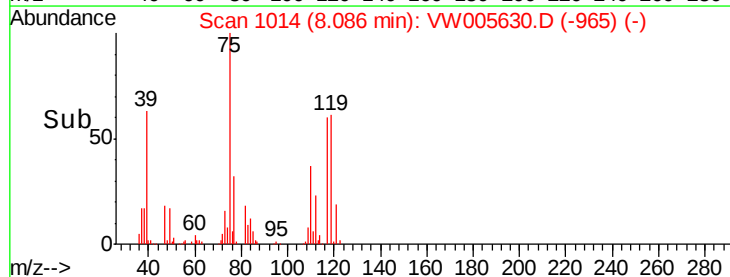
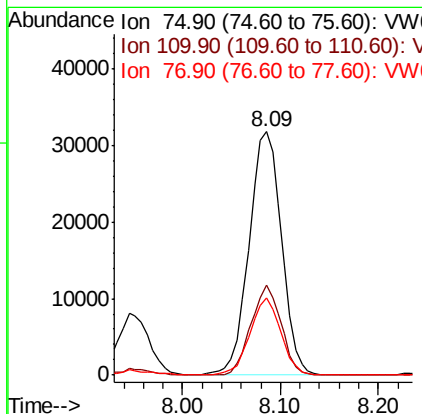
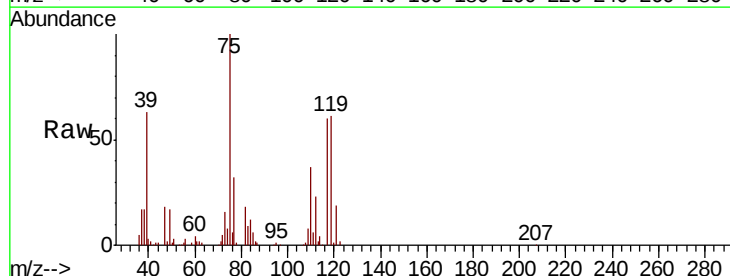
RT: 8.09 min Scan# 1014

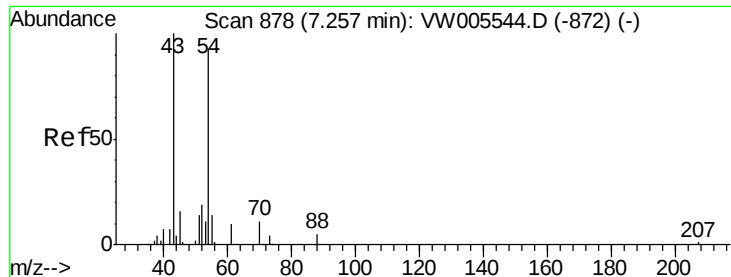
Delta R.T. -0.00 min

Lab File: VW005630.D

Acq: 26 Sep 2018 01:38

Tgt Ion:	75	Resp:	73732
Ion Ratio	Lower	Upper	
75	100		
110	34.3	17.0	50.9
77	30.2	24.8	37.2





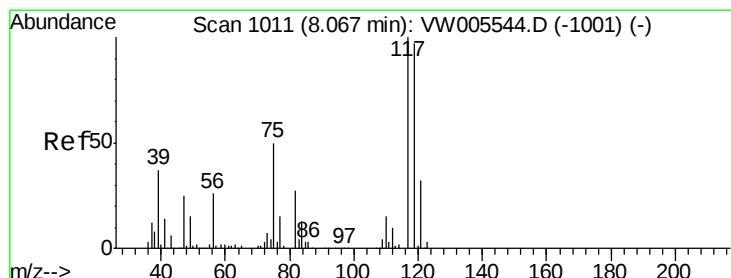
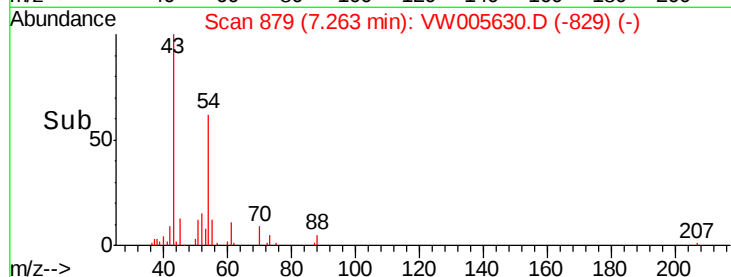
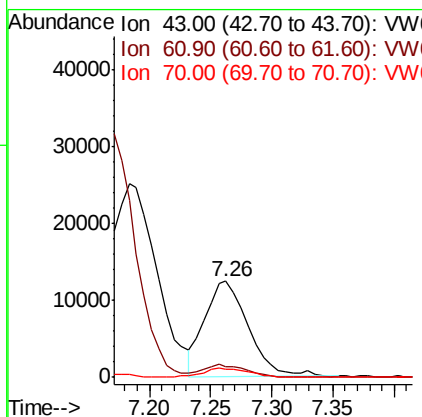
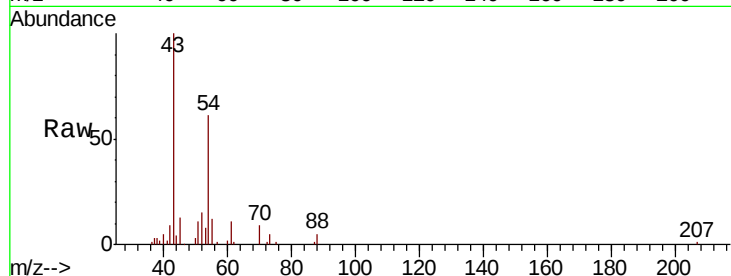
#37
Ethyl Acetate
Concen: 19.960 ug/l
RT: 7.26 min Scan# 879
Delta R.T. 0.01 min
Lab File: VW005630.D
Acq: 26 Sep 2018 01:38

Instrument :
MSVOA_W
ClientSampleId :
VW0925SBS02

Tot Ion	43	Resp	30799
Ion Ratio	Lower	Upper	
43	100		
61	13.2	10.4	15.6
70	10.0	8.2	12.2

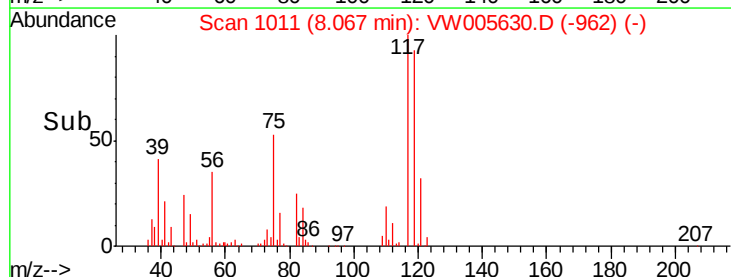
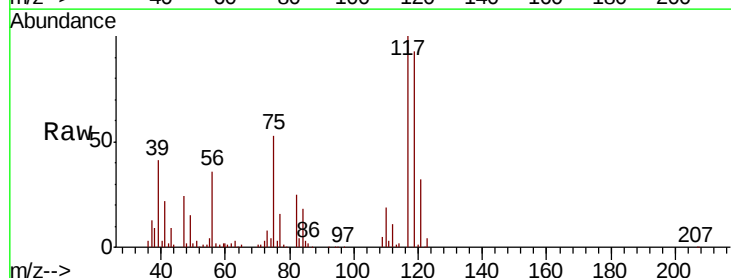
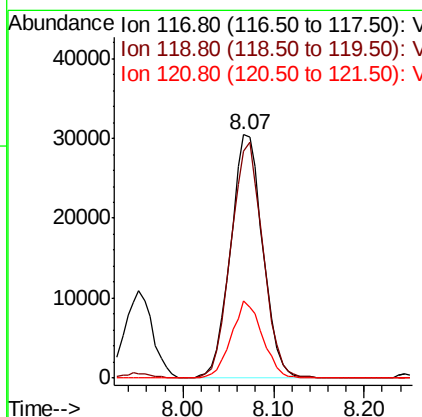
Manual Integrations
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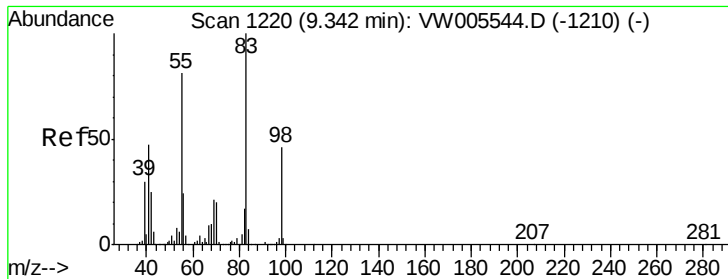
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#38
Carbon Tetrachloride
Concen: 19.109 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW005630.D
Acq: 26 Sep 2018 01:38

Tgt Ion	117	Resp	75082
Ion Ratio	Lower	Upper	
117	100		
119	93.4	77.6	116.4
121	31.8	25.7	38.5





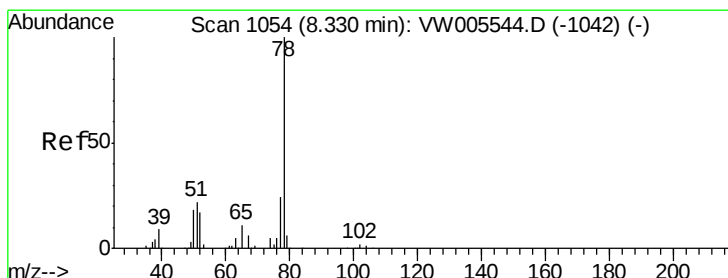
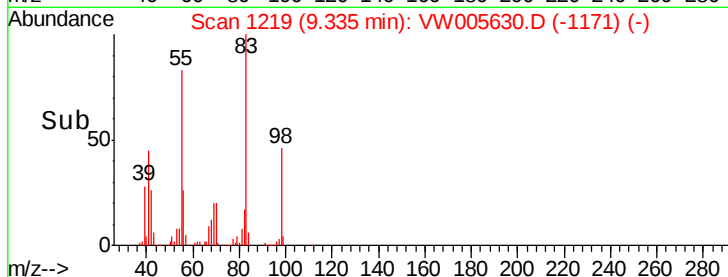
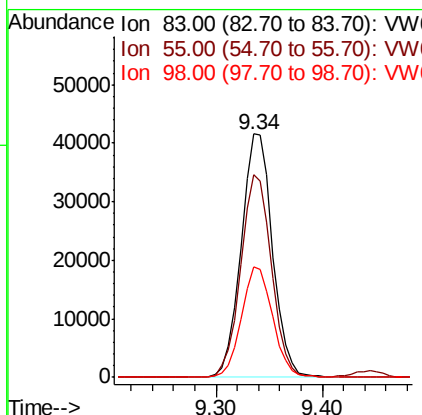
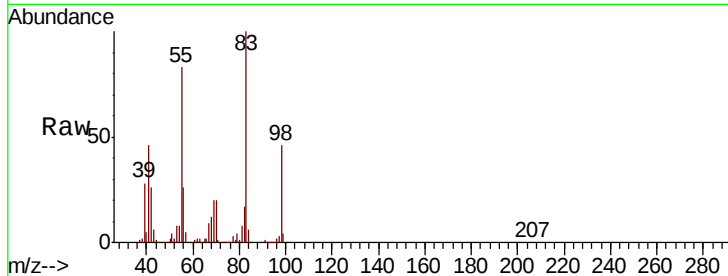
#39
Methvlcvclohexane
Concen: 19.896 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW005630.D
Acq: 26 Sep 2018 01:38

Instrument :
MSVOA_W
ClientSampleId :
VW0925SBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	83.3	64.6	97.0
98	45.5	37.0	55.6

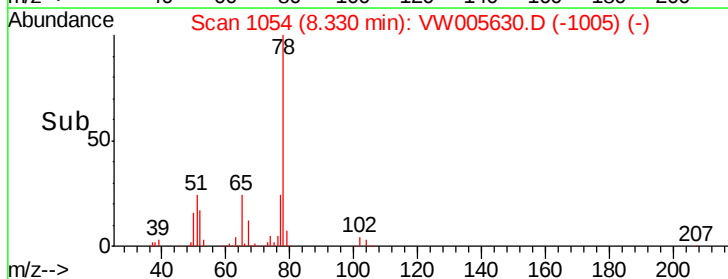
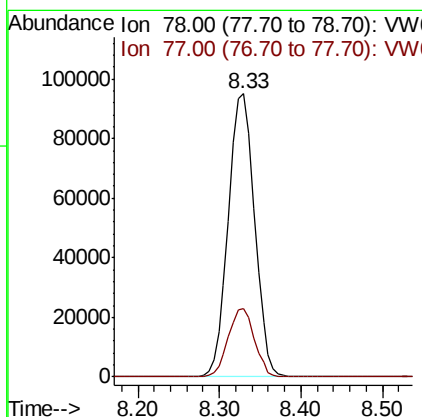
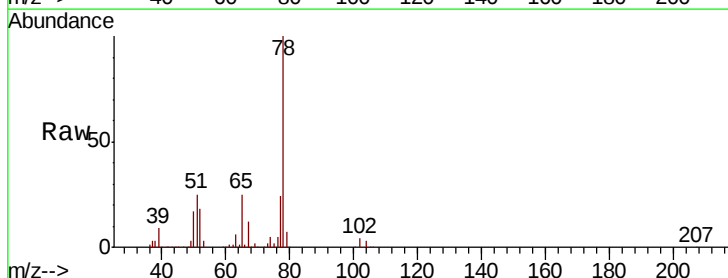
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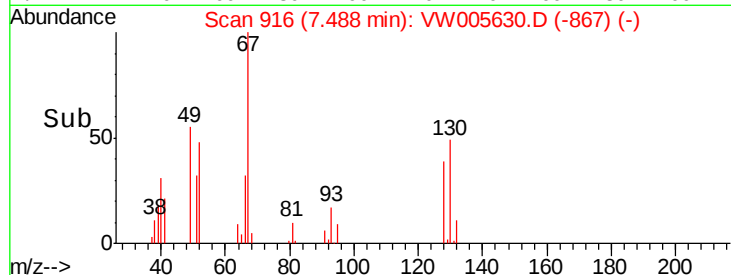
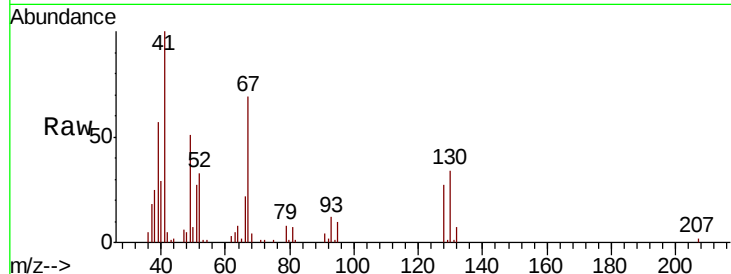
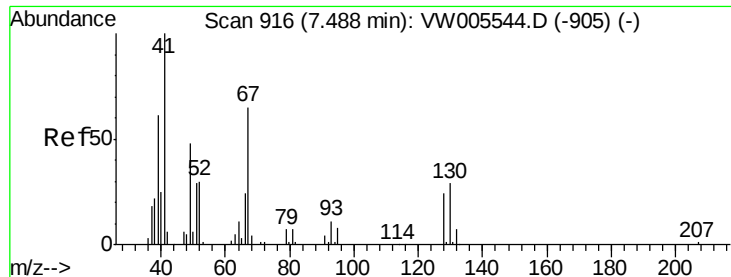
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#40
Benzene
Concen: 20.371 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW005630.D
Acq: 26 Sep 2018 01:38

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.0	28.4





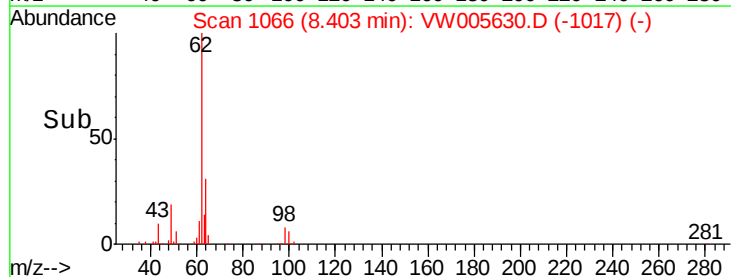
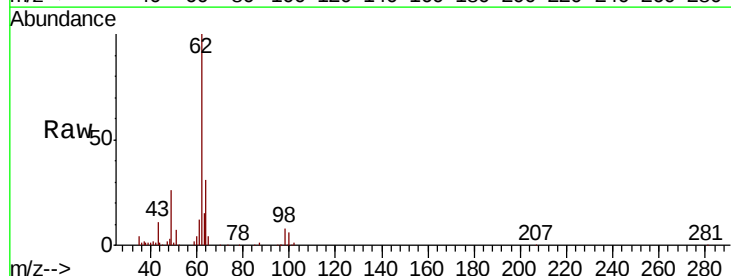
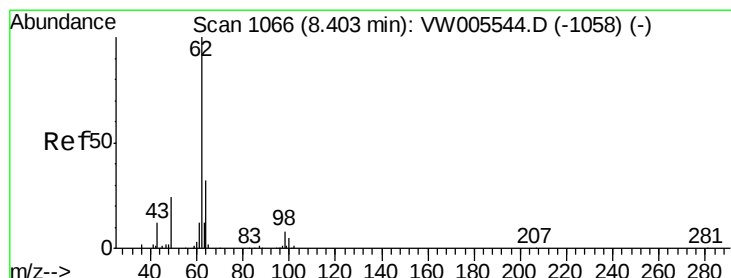
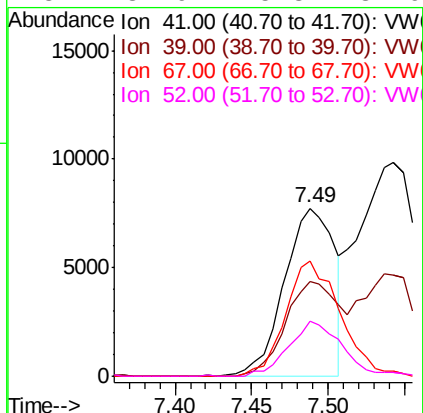
#41
Methacrylonitrile
Concen: 20.045 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.00 min
Lab File: VW005630.D
Acq: 26 Sep 2018 01:38

Tot Ion	41	Resp	17601
Ion Ratio	Lower	Upper	
41	100		
39	62.0	45.4	68.2
67	74.5	55.2	82.8
52	34.9	25.3	37.9

Instrument :
MSVOA_W
ClientSampleId :
VW0925SBS02

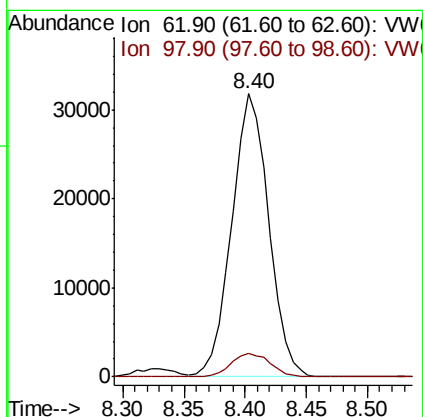
Manual Integrations
APPROVED

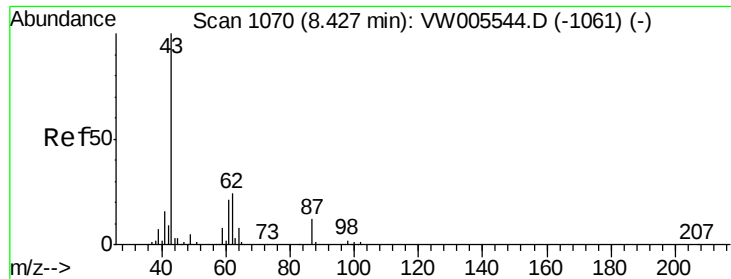
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#42
1,2-Dichloroethane
Concen: 20.021 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW005630.D
Acq: 26 Sep 2018 01:38

Tgt Ion	62	Resp	66594
Ion Ratio	Lower	Upper	
62	100		
98	8.8	0.0	15.6





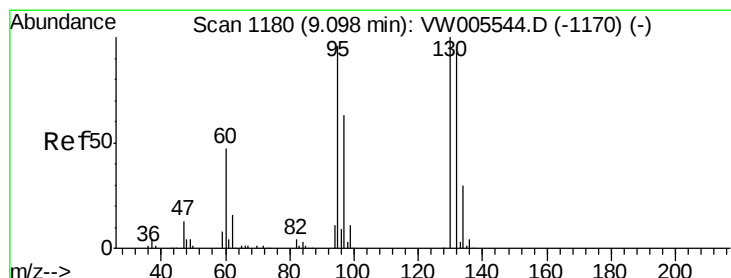
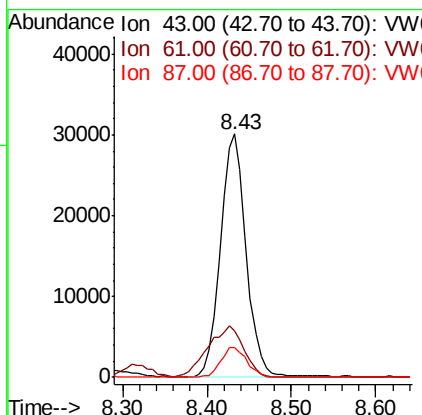
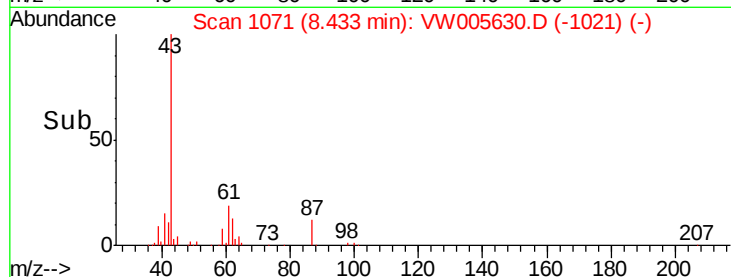
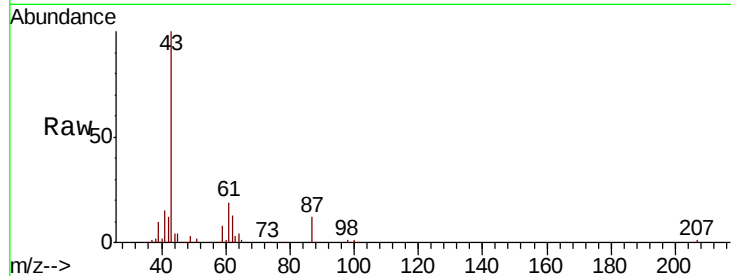
#43
Isopropyl Acetate
Concen: 20.808 ug/l
RT: 8.43 min Scan# 1071
Delta R.T. 0.01 min
Lab File: VW005630.D
Acq: 26 Sep 2018 01:38

Instrument :
MSVOA_W
ClientSampleId :
VW0925SBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	29.7	24.1	36.1
87	12.4	9.8	14.8

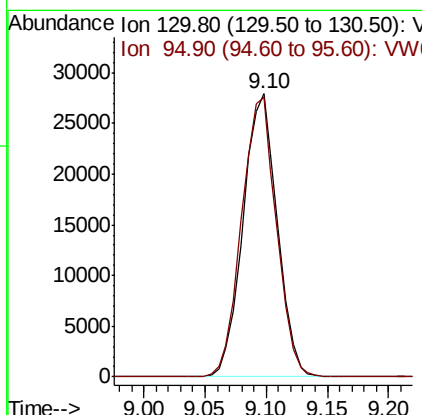
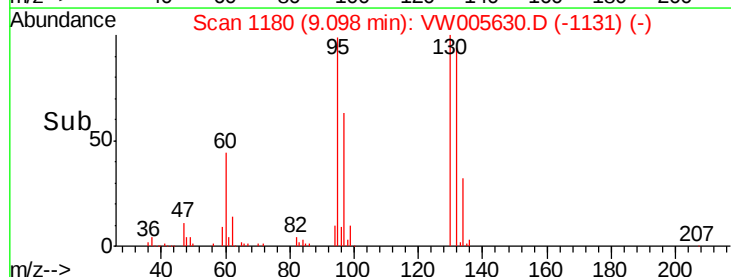
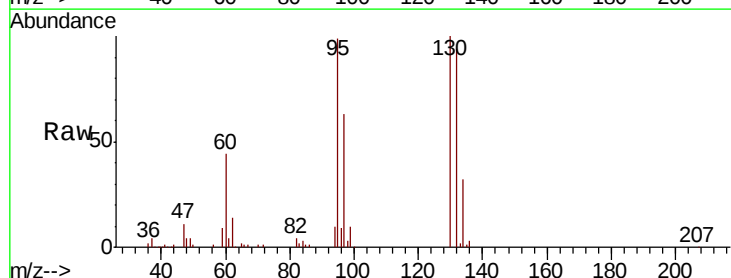
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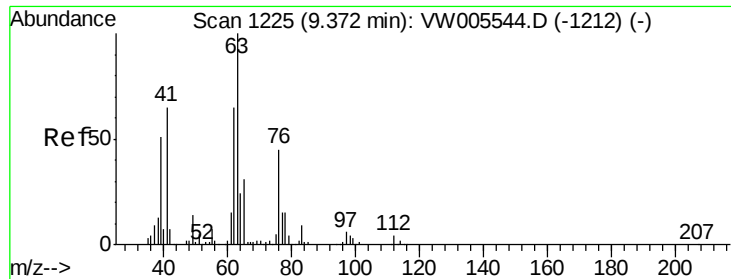
apatel
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#44
Trichloroethene
Concen: 20.358 ug/l
RT: 9.10 min Scan# 1180
Delta R.T. -0.00 min
Lab File: VW005630.D
Acq: 26 Sep 2018 01:38

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.9	0.0	191.2





#45

1,2-Dichloropropane

Concen: 20.477 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. -0.00 min

Lab File: VW005630.D

Acq: 26 Sep 2018 01:38

Instrument :

MSVOA_W

ClientSampleId :

VW0925SBS02

Tot Ion: 63 Resp: 52338

Ion Ratio Lower Upper

63 100

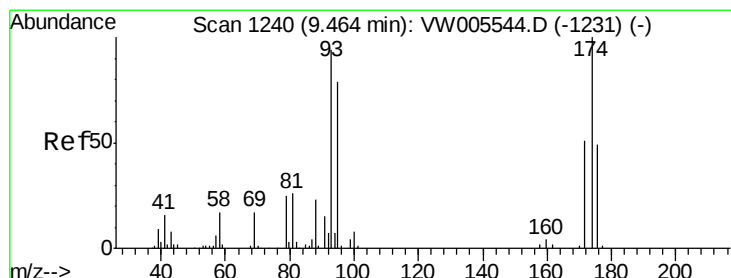
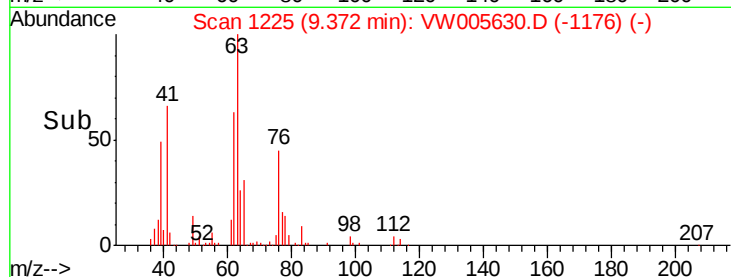
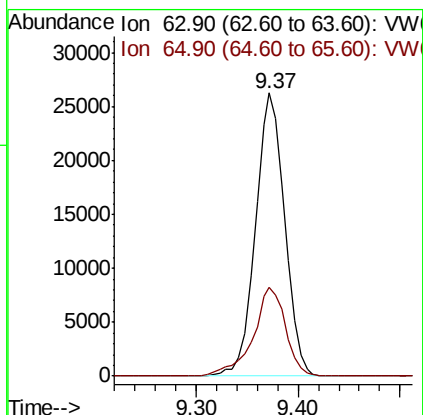
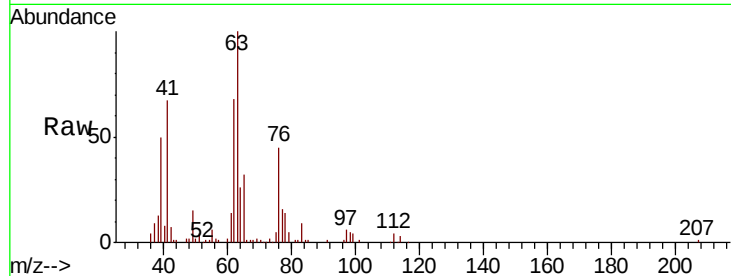
65 31.6 24.7 37.1

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#46

Dibromomethane

Concen: 20.699 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VW005630.D

Acq: 26 Sep 2018 01:38

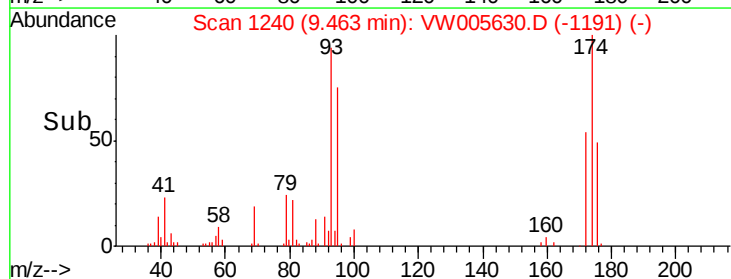
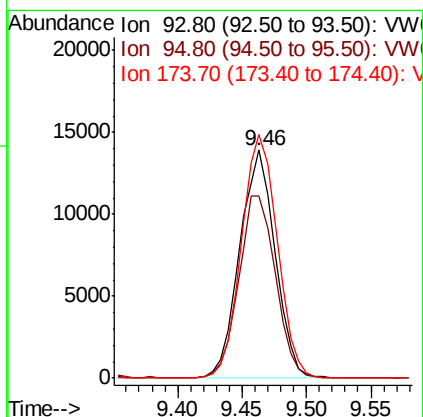
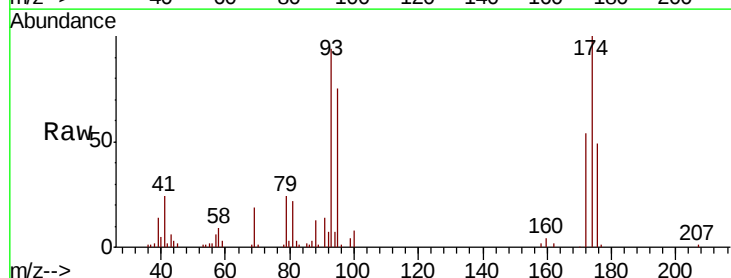
Tgt Ion: 93 Resp: 26434

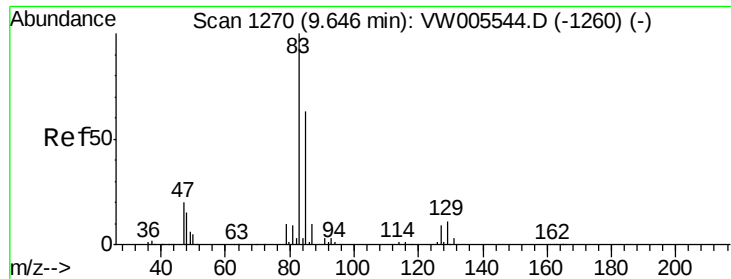
Ion Ratio Lower Upper

93 100

95 82.8 65.8 98.8

174 108.2 84.0 126.0





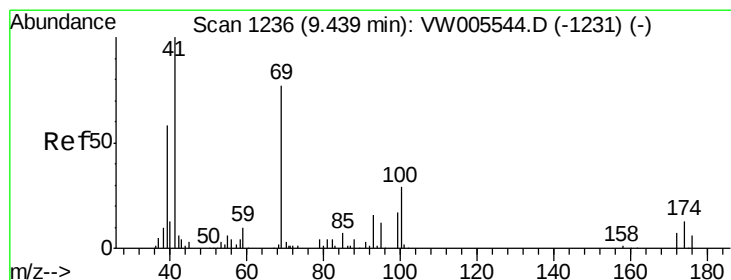
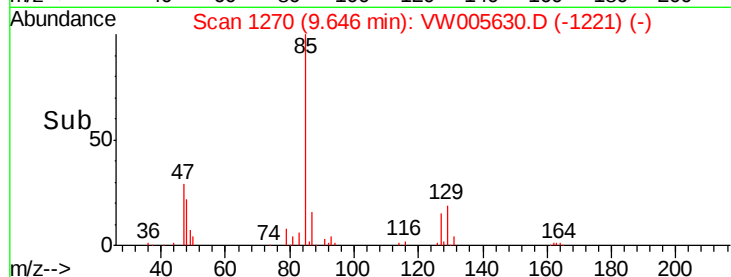
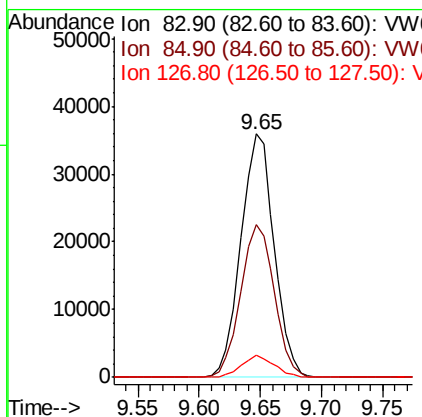
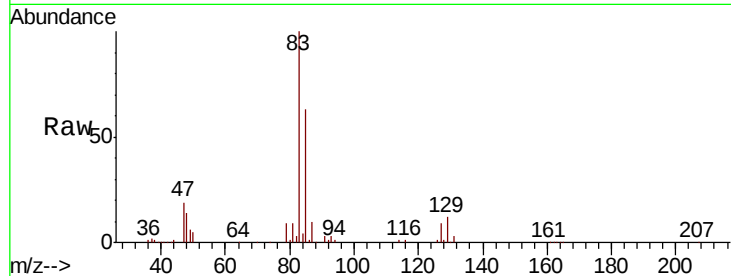
#47
 Bromodichloromethane
 Concen: 19.752 ug/l
 RT: 9.65 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VW005630.D
 Acq: 26 Sep 2018 01:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0925SBS02

Tot Ion	83	Resp	67759
Ion Ratio	100	Lower	Upper
85	62.6	50.5	75.7
127	9.1	7.0	10.6

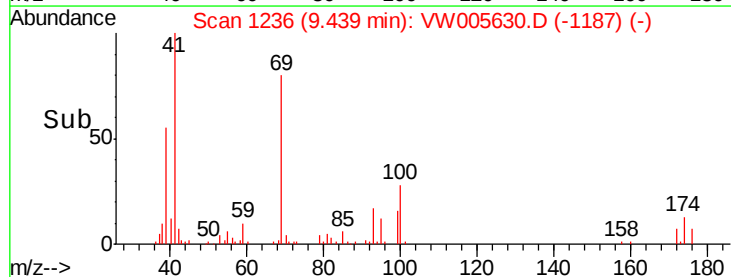
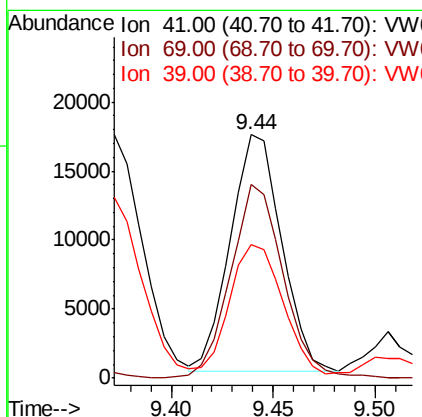
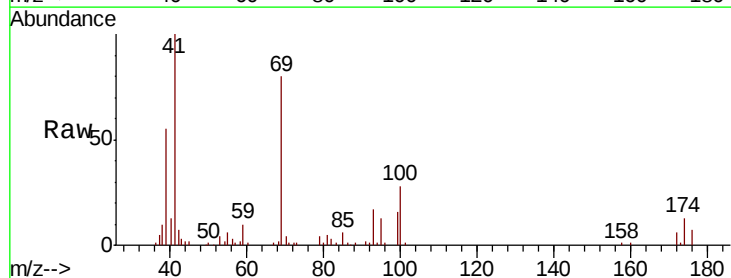
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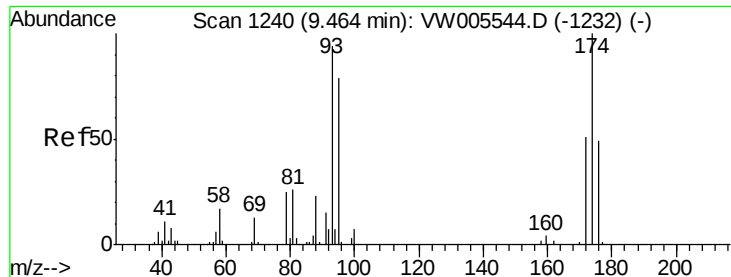
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#48
 Methyl methacrylate
 Concen: 20.686 ug/l
 RT: 9.44 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VW005630.D
 Acq: 26 Sep 2018 01:38

Tgt Ion	41	Resp	29807
Ion Ratio	100	Lower	Upper
69	84.7	64.7	97.1
39	60.3	50.5	75.7





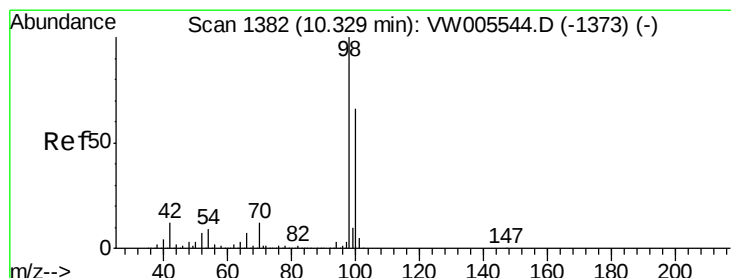
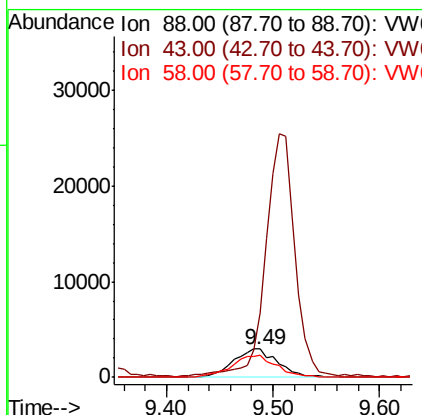
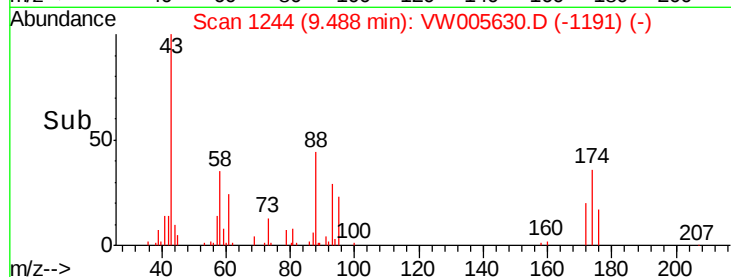
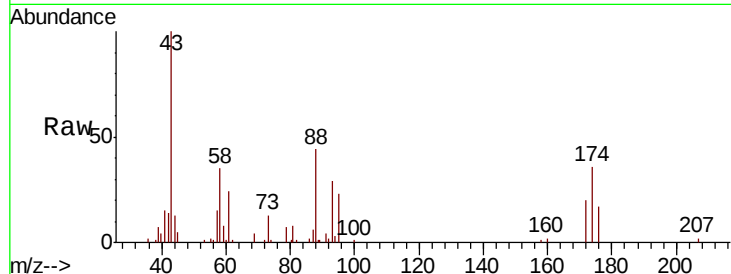
#49
1,4-Dioxane
Concen: 423.572 ug/l
RT: 9.49 min Scan# 1244
Delta R.T. 0.02 min
Lab File: VW005630.D
Acq: 26 Sep 2018 01:38

Instrument :
MSVOA_W
ClientSampleId :
VW0925SBS02

Tot Ion: 88 Resp: 8600
Ion Ratio Lower Upper
88 100
43 574.8 0.0 0.0#
58 80.3 61.2 91.8

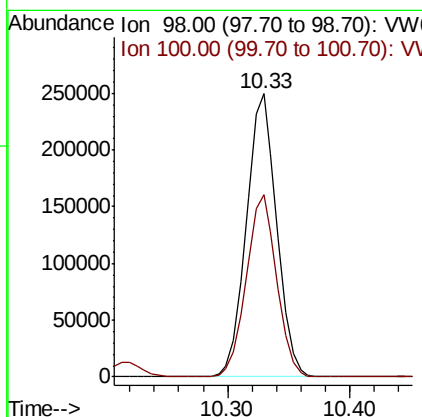
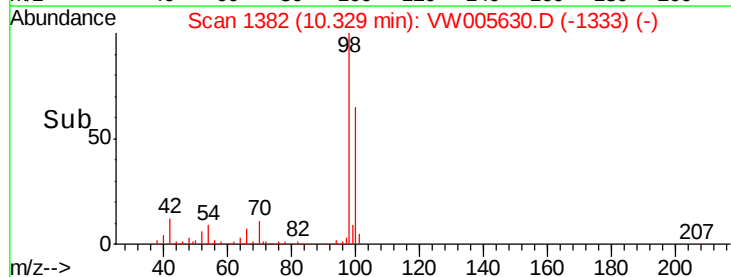
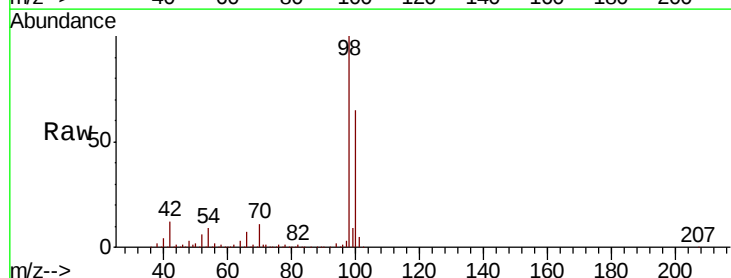
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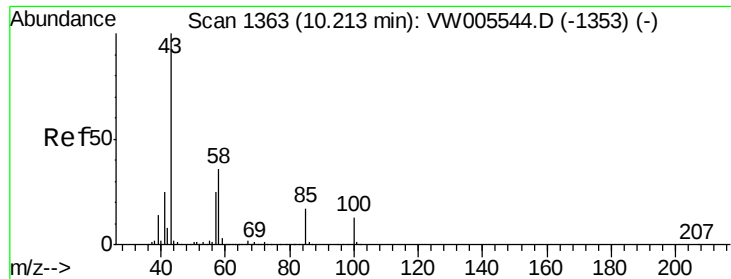
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#50
Toluene-d8
Concen: 46.036 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW005630.D
Acq: 26 Sep 2018 01:38

Tgt Ion: 98 Resp: 429367
Ion Ratio Lower Upper
98 100
100 64.4 51.6 77.4





#51

4-Methyl-2-Pentanone

Concen: 105.858 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW005630.D

Acq: 26 Sep 2018 01:38

Instrument :

MSVOA_W

ClientSampled :

VW0925SBS02

Tot Ion: 43 Resp: 161749

Ion Ratio Lower Upper

43 100

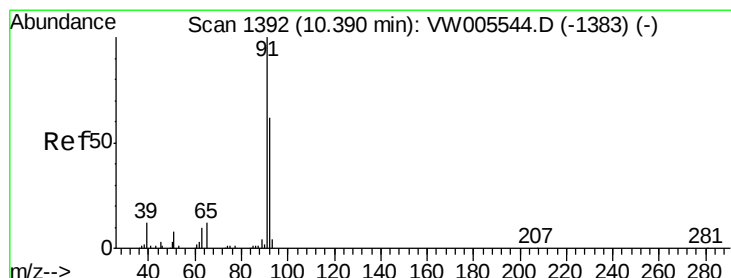
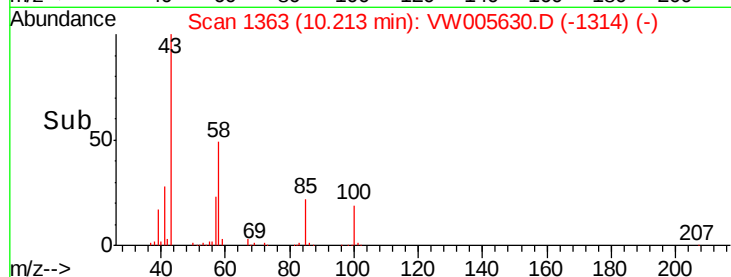
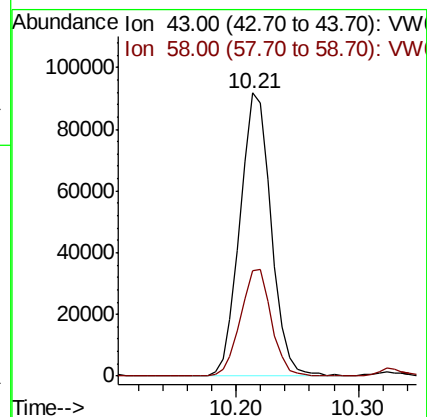
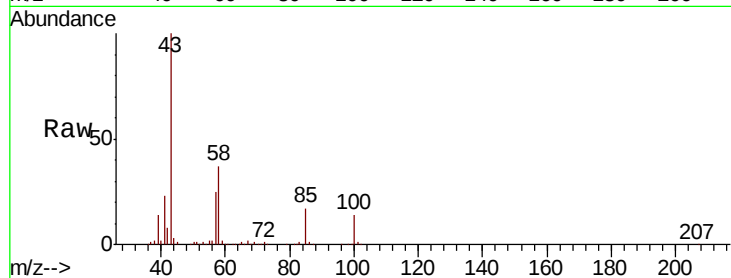
58 37.4 30.0 45.0

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#52

Toluene

Concen: 20.478 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW005630.D

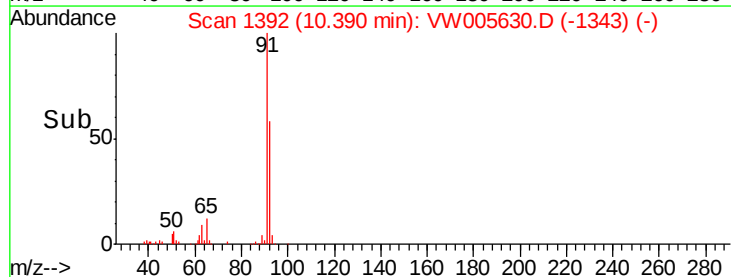
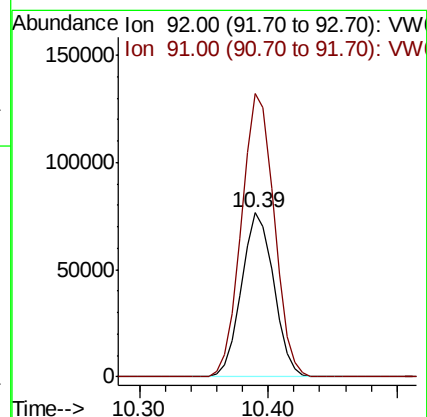
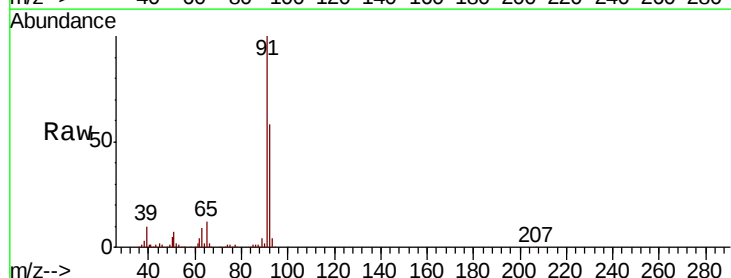
Acq: 26 Sep 2018 01:38

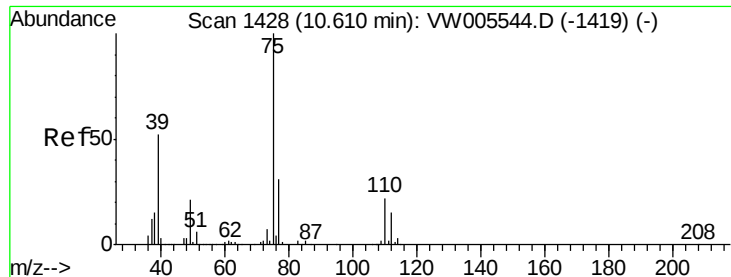
Tgt Ion: 92 Resp: 132746

Ion Ratio Lower Upper

92 100

91 174.6 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 19.817 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW005630.D

Acq: 26 Sep 2018 01:38

Instrument :

MSVOA_W

ClientSampleId :

VW0925SBS02

Tot Ion: 75 Resp: 68151

Ion Ratio Lower Upper

75 100

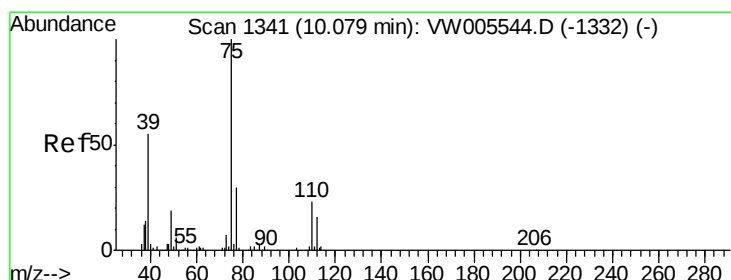
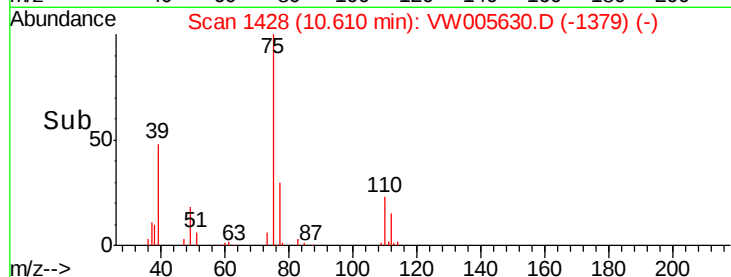
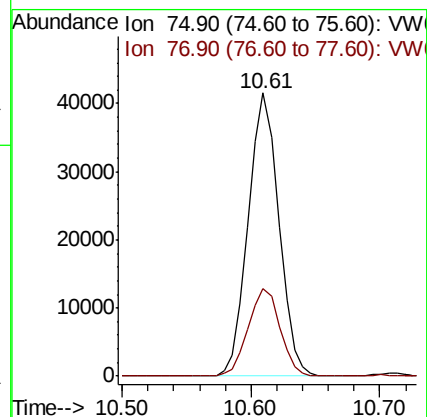
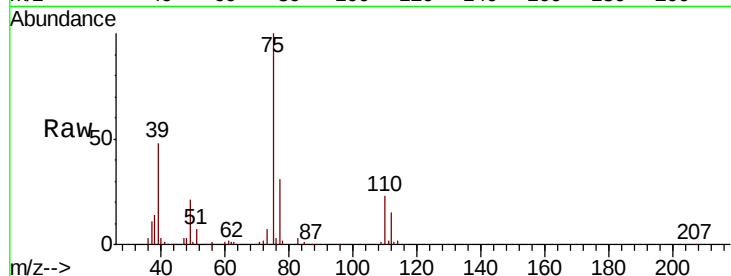
77 30.5 24.6 37.0

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#54

cis-1,3-Dichloropropene

Concen: 20.081 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. -0.00 min

Lab File: VW005630.D

Acq: 26 Sep 2018 01:38

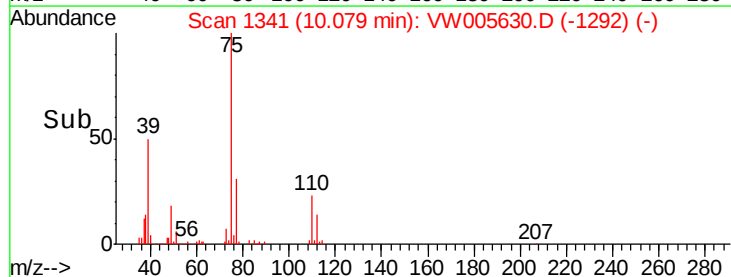
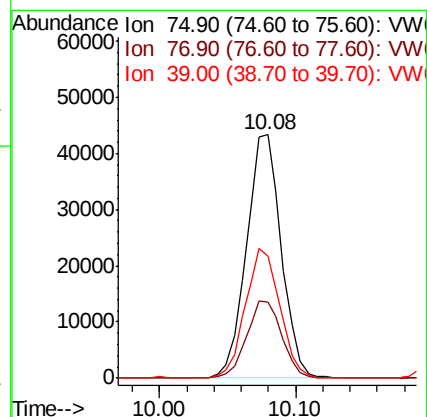
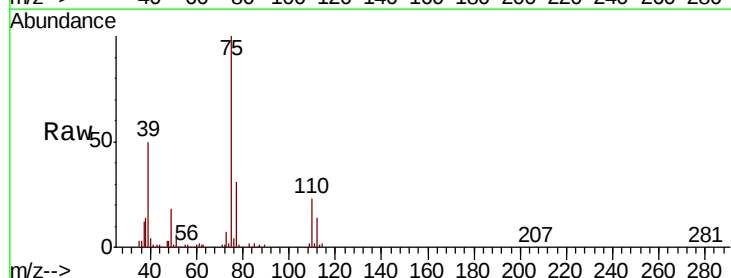
Tgt Ion: 75 Resp: 77375

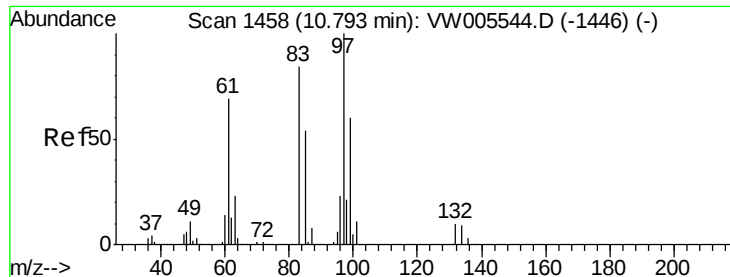
Ion Ratio Lower Upper

75 100

77 31.1 24.3 36.5

39 50.2 43.7 65.5





#55

1,1,2-Trichloroethane

Concen: 20.541 ug/l

RT: 10.79 min Scan# 1458

Delta R.T. -0.00 min

Lab File: VW005630.D

Acq: 26 Sep 2018 01:38

Instrument :

MSVOA_W

ClientSampleId :

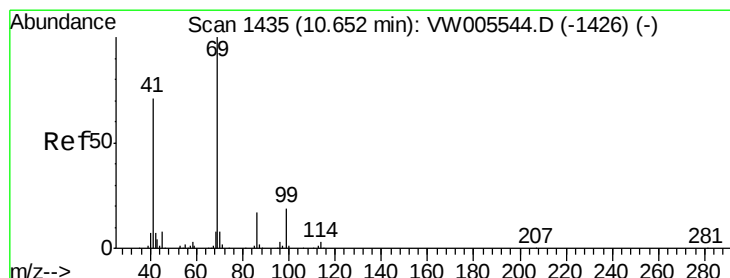
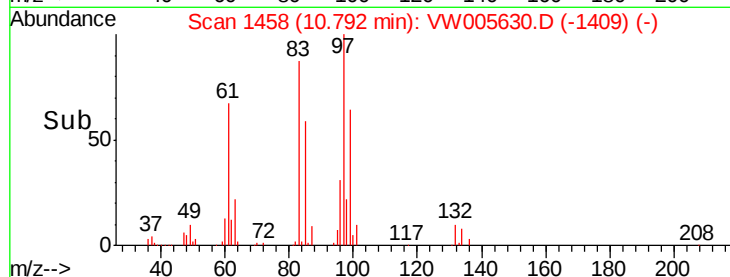
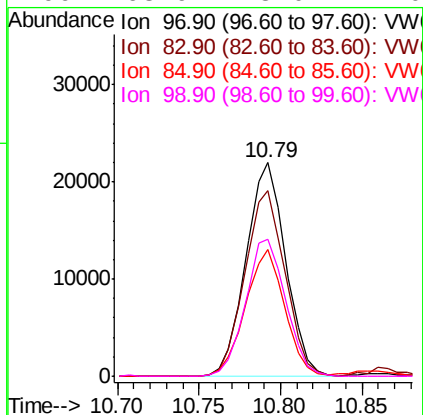
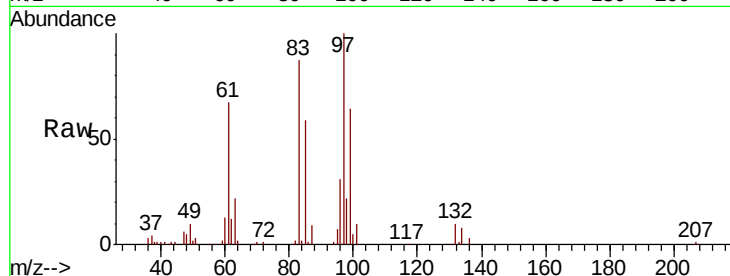
VW0925SBS02

Tot Ion:	97	Resp:	37236
Ion	Ratio	Lower	Upper
97	100		
83	87.1	67.4	101.2
85	59.0	43.3	64.9
99	63.9	48.0	72.0

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#56

Ethyl methacrylate

Concen: 20.671 ug/l

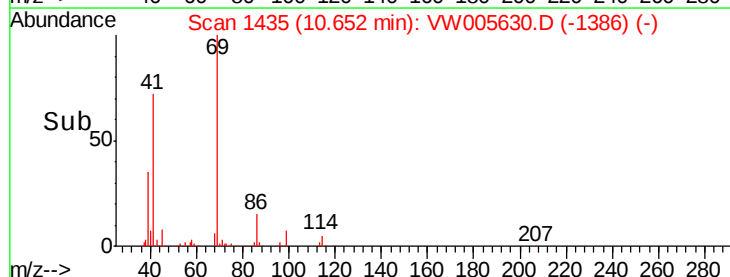
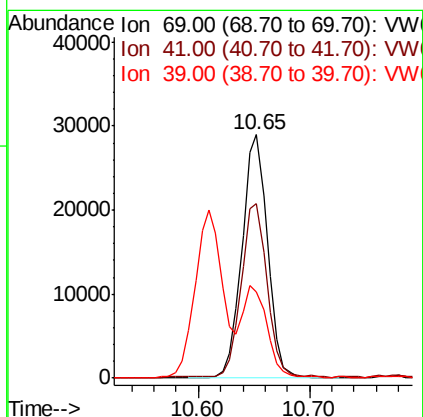
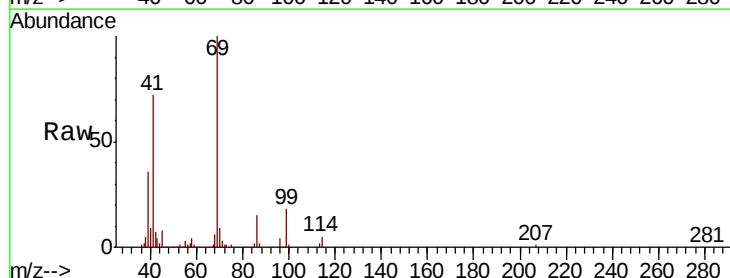
RT: 10.65 min Scan# 1435

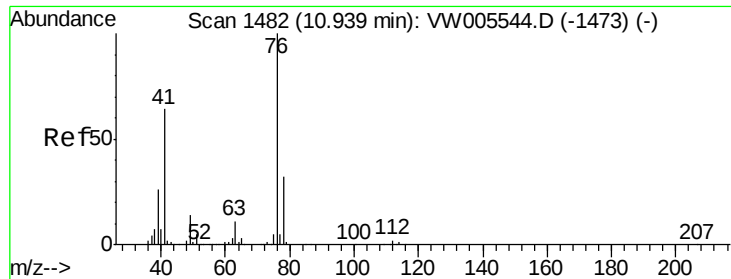
Delta R.T. -0.00 min

Lab File: VW005630.D

Acq: 26 Sep 2018 01:38

Tgt Ion:	69	Resp:	46257
Ion	Ratio	Lower	Upper
69	100		
41	71.7	57.3	85.9
39	35.2	29.2	43.8





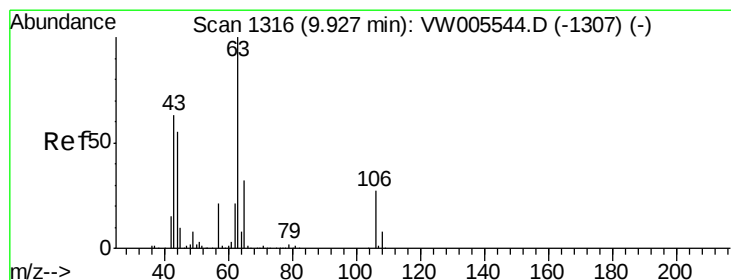
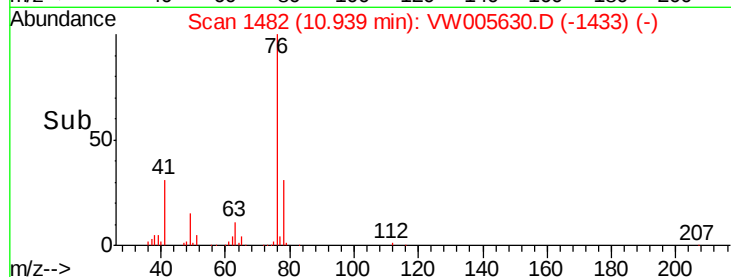
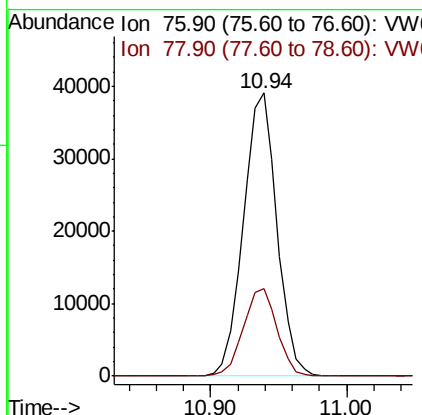
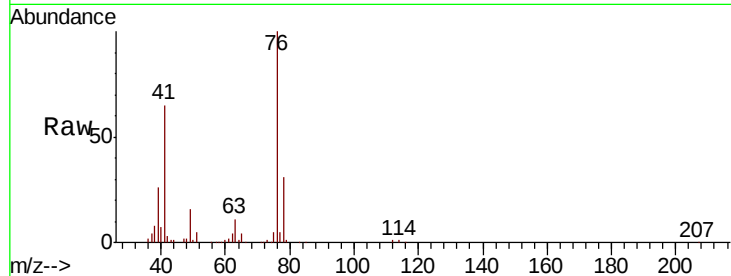
#57
 1,3-Dichloropropane
 Concen: 20.889 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. -0.00 min
 Lab File: VW005630.D
 Acq: 26 Sep 2018 01:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0925SBS02

Tot Ion: 76 Resp: 67112
 Ion Ratio Lower Upper
 76 100
 78 31.2 25.6 38.4

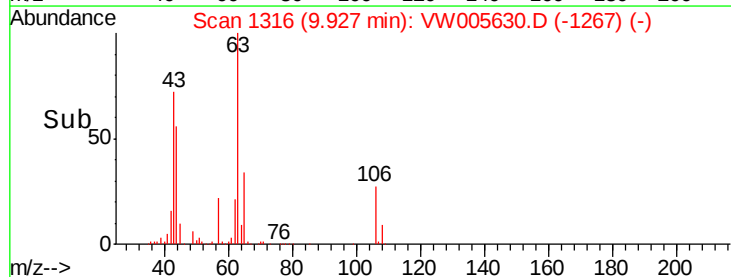
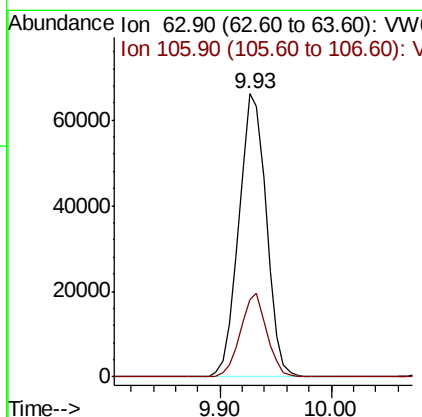
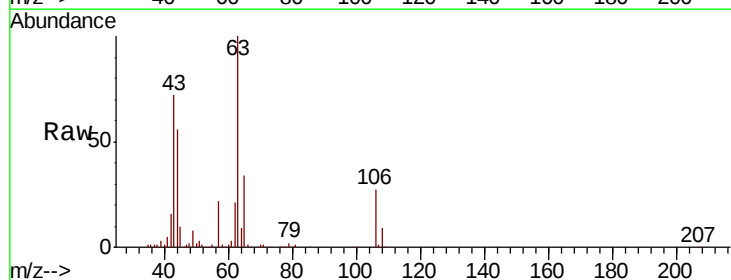
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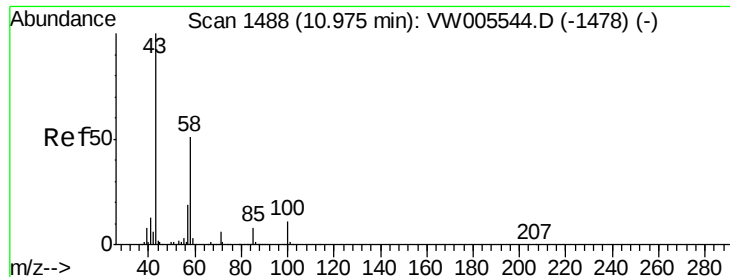
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#58
 2-Chloroethyl Vinyl ether
 Concen: 111.390 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW005630.D
 Acq: 26 Sep 2018 01:38

Tgt Ion: 63 Resp: 112993
 Ion Ratio Lower Upper
 63 100
 106 28.1 21.6 32.4





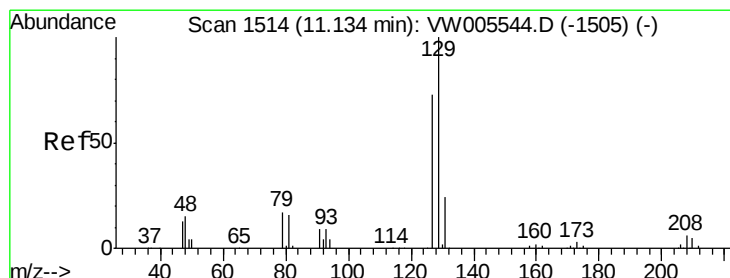
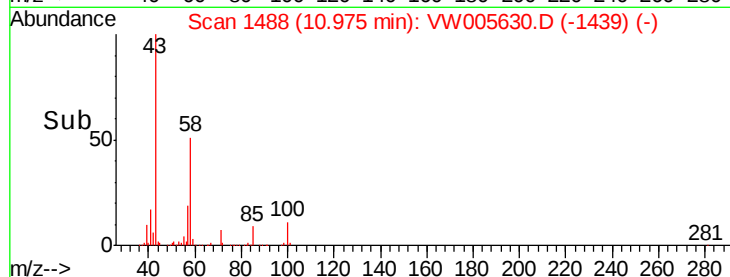
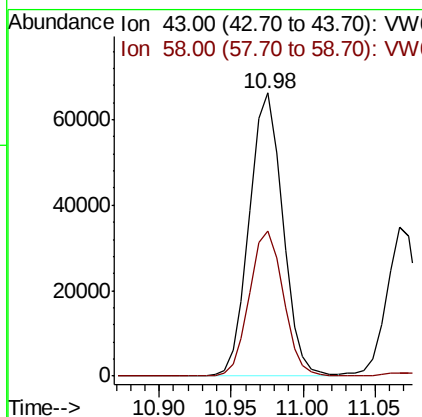
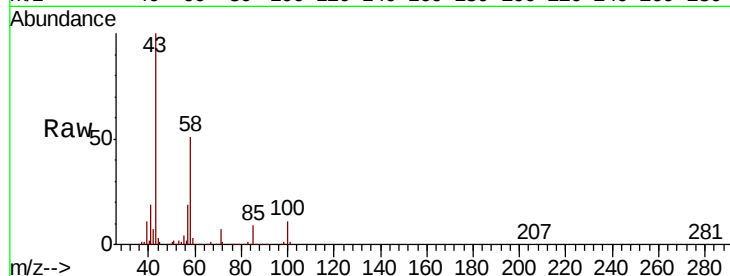
#59
2-Hexanone
Concen: 102.388 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW005630.D
Acq: 26 Sep 2018 01:38

Instrument :
MSVOA_W
ClientSampleId :
VW0925SBS02

Tot Ion	43	Resp	106278
Ion Ratio	43	100	
Lower	58	52.0	25.3
Upper			75.9

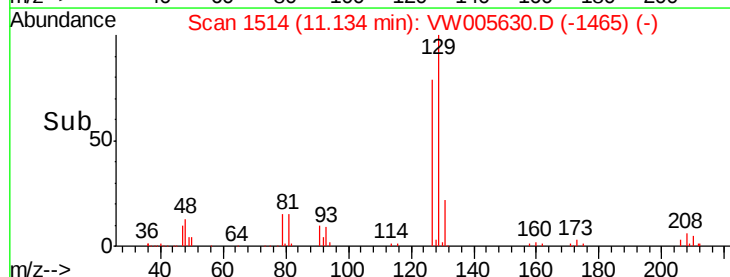
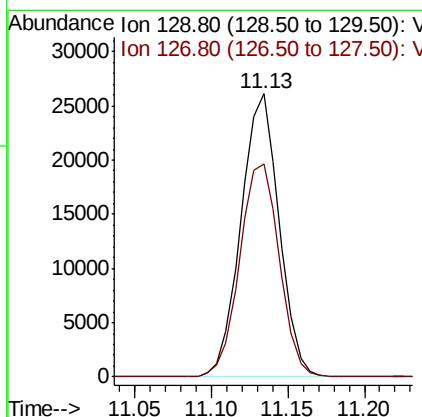
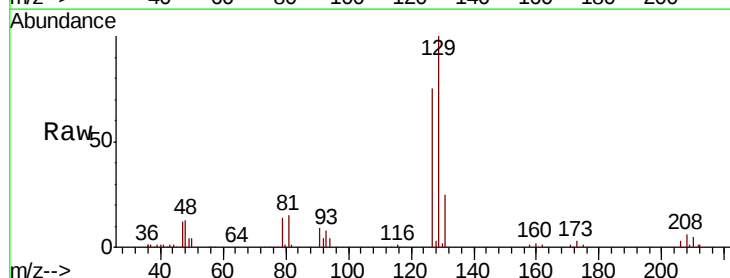
Manual Integrations
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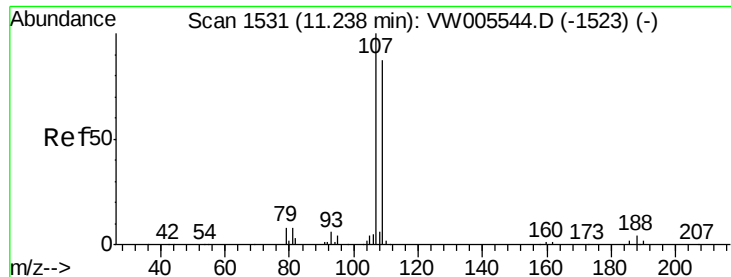
apatel
9/26/2018 2:38:31 PM



#60
Dibromochloromethane
Concen: 20.613 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW005630.D
Acq: 26 Sep 2018 01:38

Tgt Ion	129	Resp	45149
Ion Ratio	129	100	
Lower	127	78.3	38.5
Upper			115.5





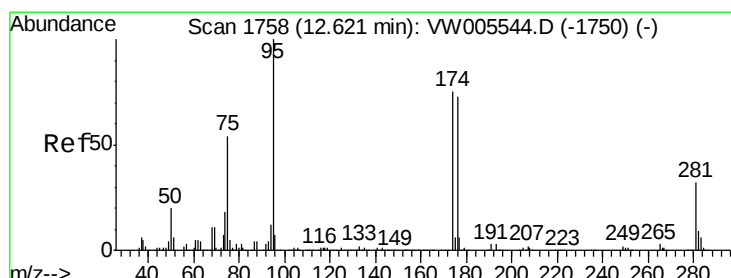
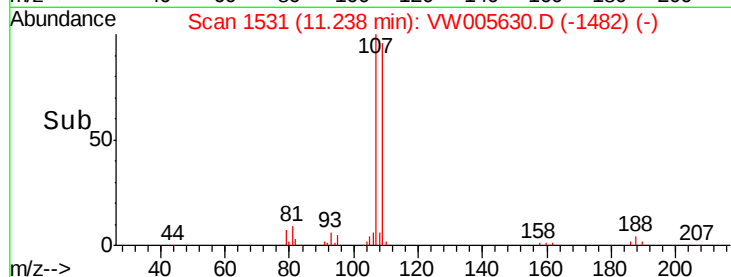
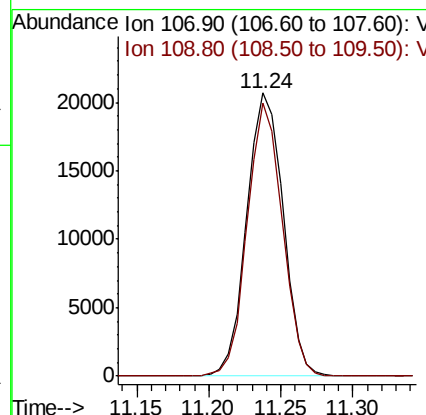
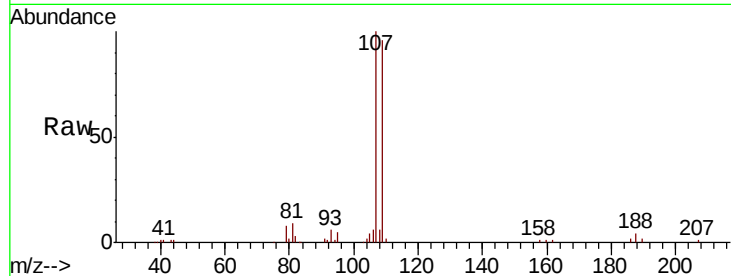
#61
 1,2-Dibromoethane
 Concen: 21.463 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW005630.D
 Acq: 26 Sep 2018 01:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0925SBS02

Tot Ion: 107 Resp: 36275
 Ion Ratio Lower Upper
 107 100
 109 92.6 73.4 110.0

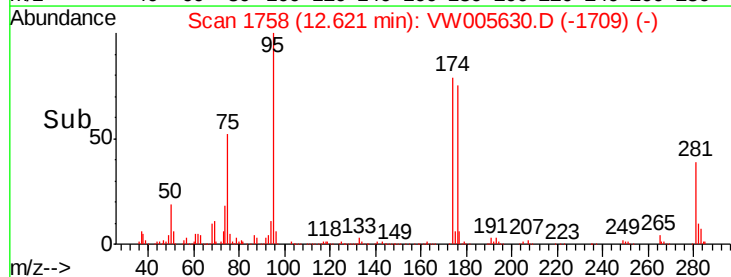
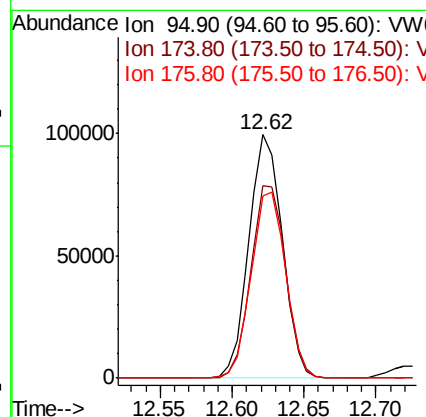
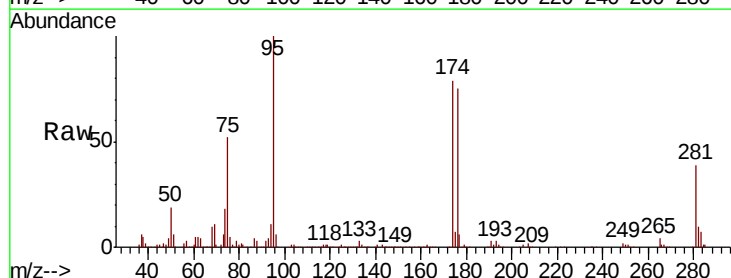
Manual Integrations
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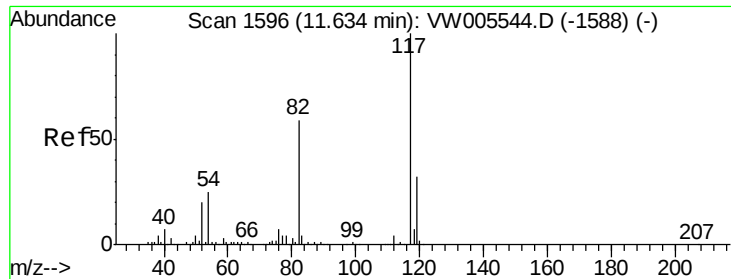
apatel
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#62
 4-Bromofluorobenzene
 Concen: 46.359 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW005630.D
 Acq: 26 Sep 2018 01:38

Tgt Ion: 95 Resp: 159991
 Ion Ratio Lower Upper
 95 100
 174 81.7 0.0 163.8
 176 78.6 0.0 158.0





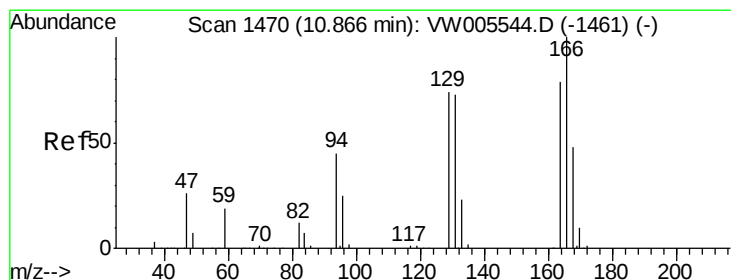
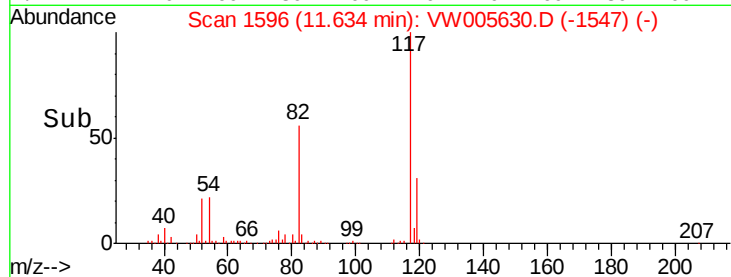
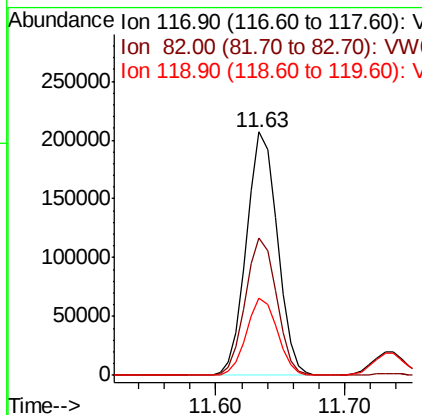
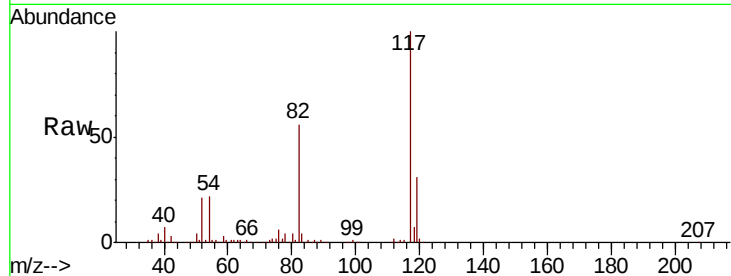
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW005630.D
Acq: 26 Sep 2018 01:38

Instrument :
MSVOA_W
ClientSampleId :
VW0925SBS02

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.4	46.9	70.3
119	31.5	25.7	38.5

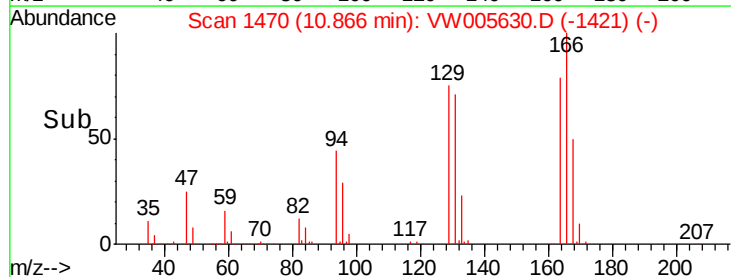
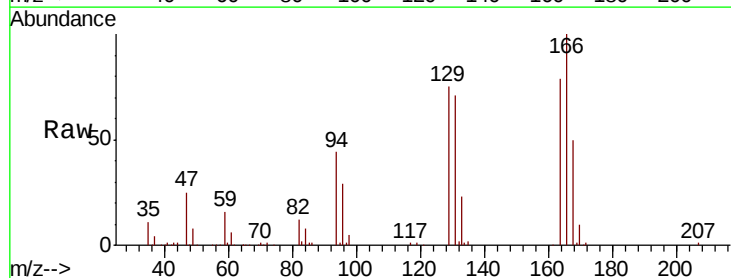
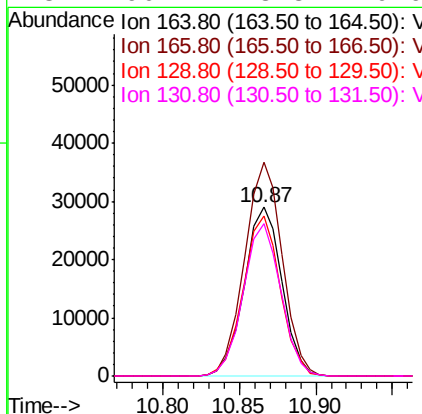
Manual Integrations
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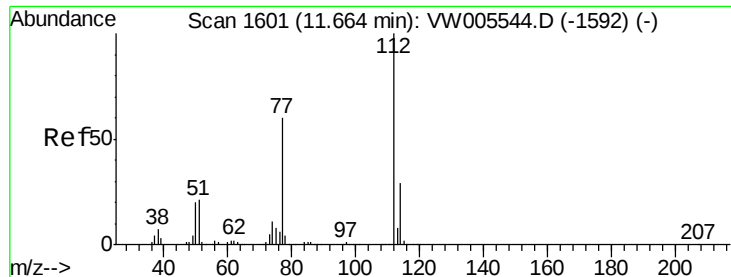
apatel
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#64
Tetrachloroethene
Concen: 20.392 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW005630.D
Acq: 26 Sep 2018 01:38

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.8	101.1	151.7
129	94.9	74.4	111.6
131	90.2	73.8	110.6





#65

Chlorobenzene

Concen: 20.162 ug/l

RT: 11.66 min Scan# 1601

Delta R.T. -0.00 min

Lab File: VW005630.D

Acq: 26 Sep 2018 01:38

Instrument :

MSVOA_W

ClientSampleId :

VW0925SBS02

Tot Ion:112 Resp: 146769

Ion Ratio Lower Upper

112 100

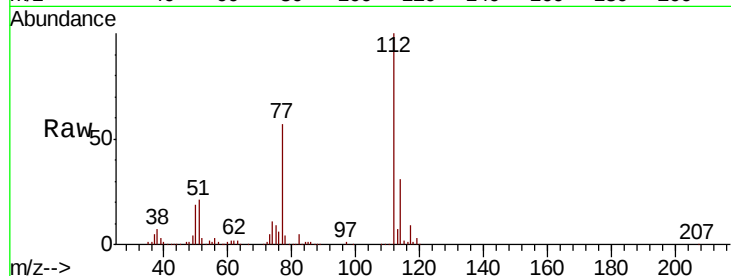
114 31.0 22.9 34.3

Manual Integrations

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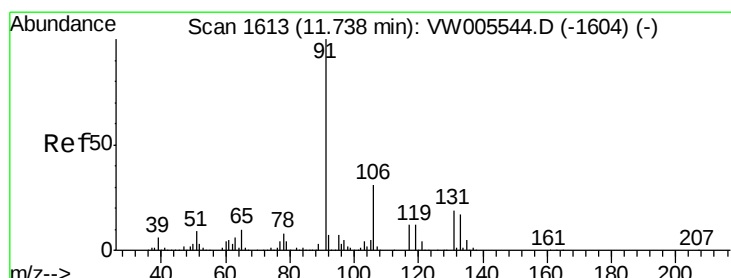
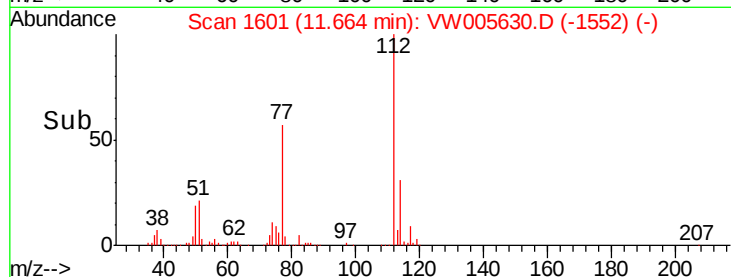
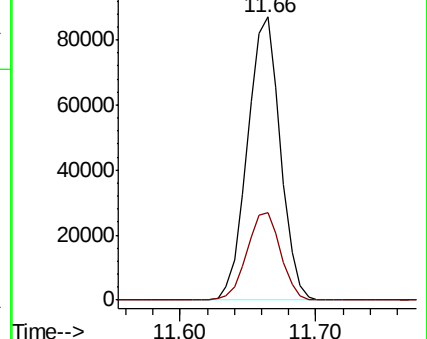
apatel

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.750 ug/l

RT: 11.74 min Scan# 1613

Delta R.T. -0.00 min

Lab File: VW005630.D

Acq: 26 Sep 2018 01:38

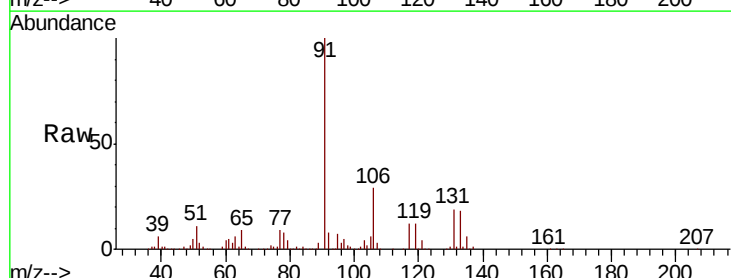
Tgt Ion:131 Resp: 51744

Ion Ratio Lower Upper

131 100

133 97.2 47.2 141.6

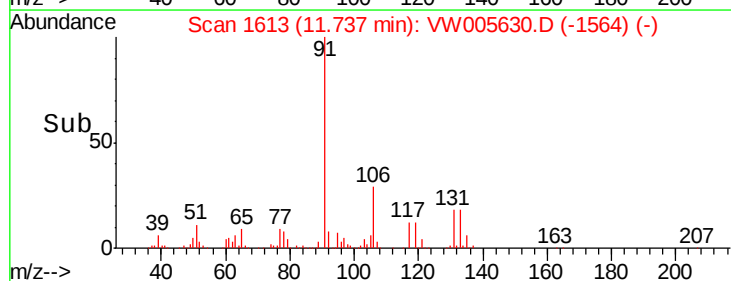
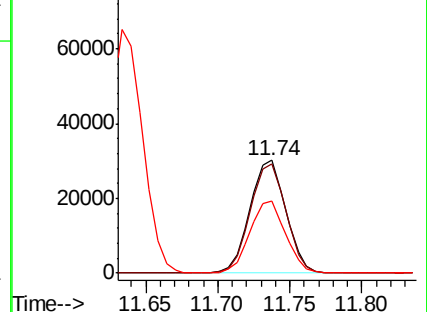
119 63.7 31.1 93.2

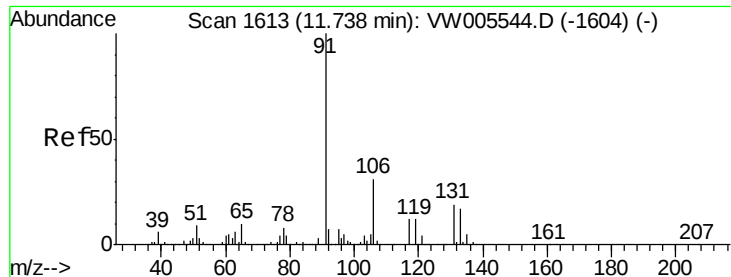


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





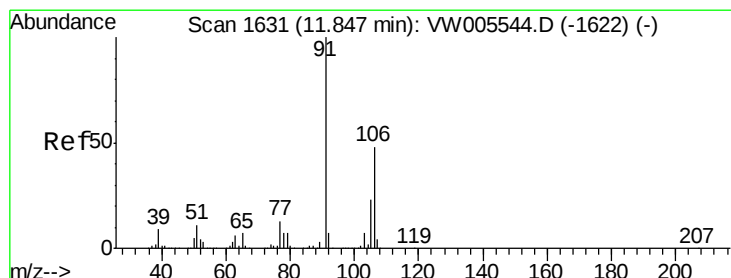
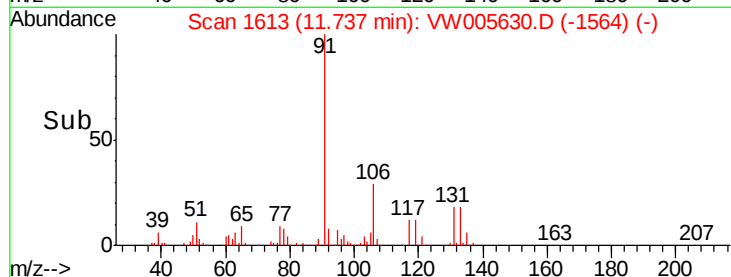
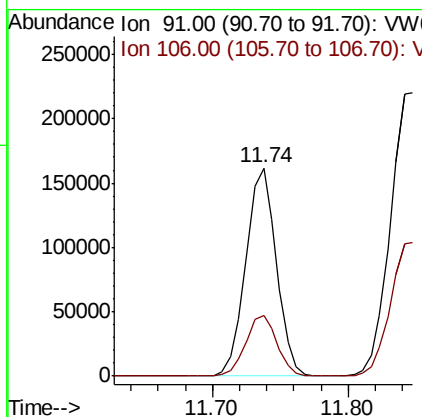
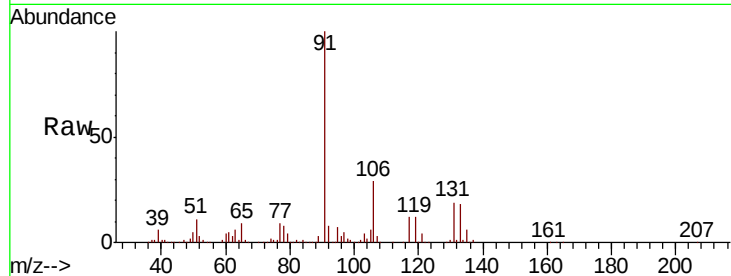
#67
Ethyl Benzene
Concen: 19.755 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005630.D
Acq: 26 Sep 2018 01:38

Instrument :
MSVOA_W
ClientSampleId :
VW0925SBS02

Tot Ion	Ratio	Lower	Upper
91	100		
106	29.3	24.4	36.6

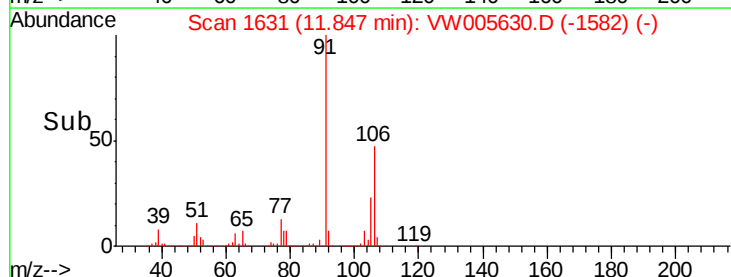
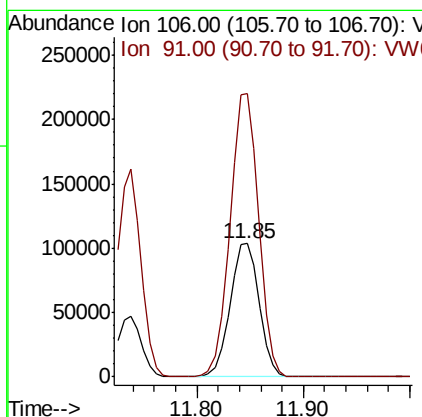
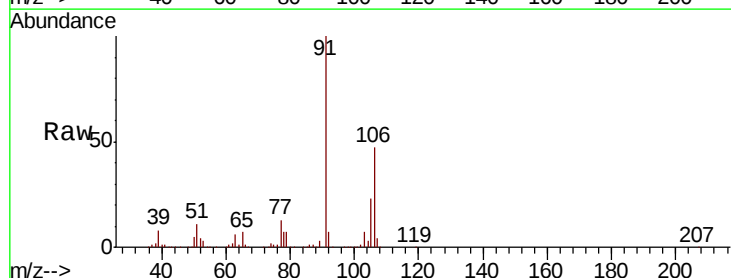
Manual Integrations
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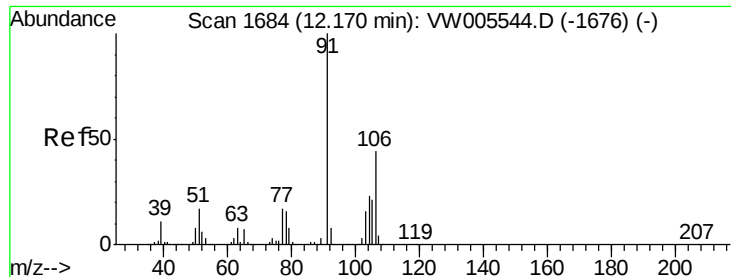
apatel
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#68
m/p-Xylenes
Concen: 40.461 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VW005630.D
Acq: 26 Sep 2018 01:38

Tgt Ion	Ratio	Lower	Upper
106	100		
91	209.2	167.8	251.8





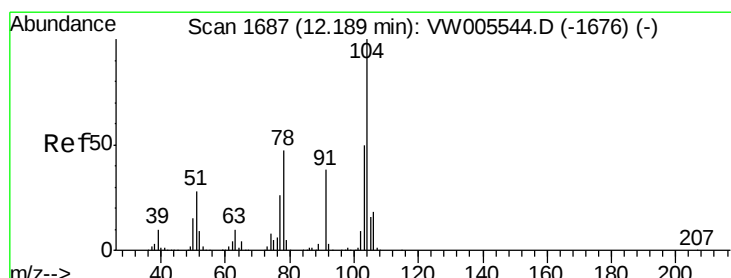
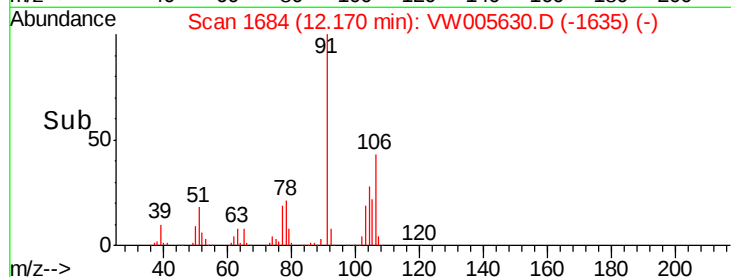
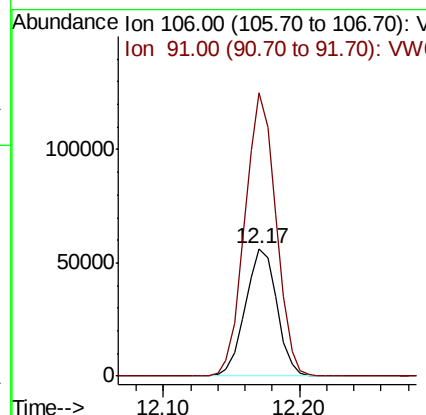
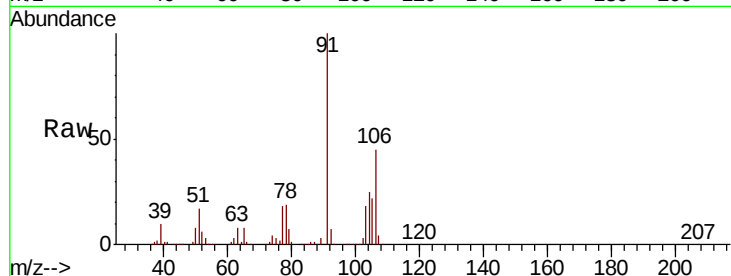
#69
o-Xylene
Concen: 19.915 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW005630.D
Acq: 26 Sep 2018 01:38

Instrument :
MSVOA_W
ClientSampled :
VW0925SBS02

Tot Ion:106 Resp: 91049
Ion Ratio Lower Upper
106 100
91 220.0 111.0 333.0

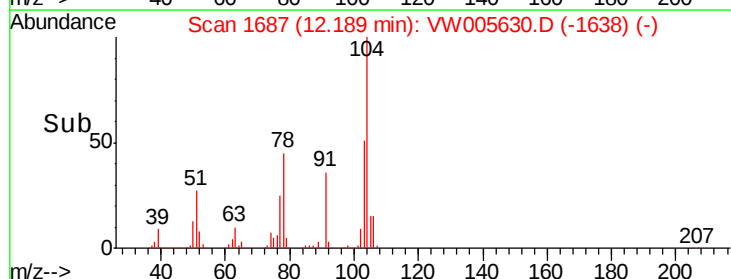
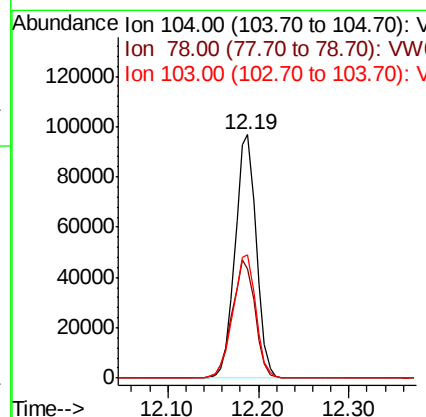
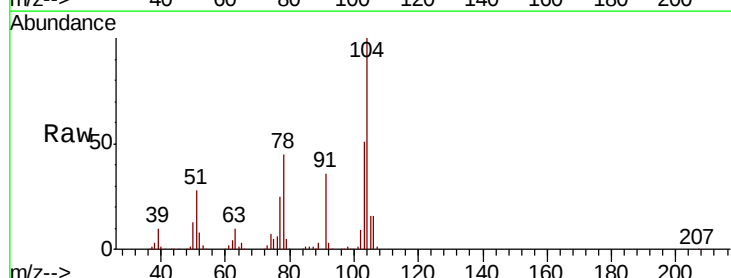
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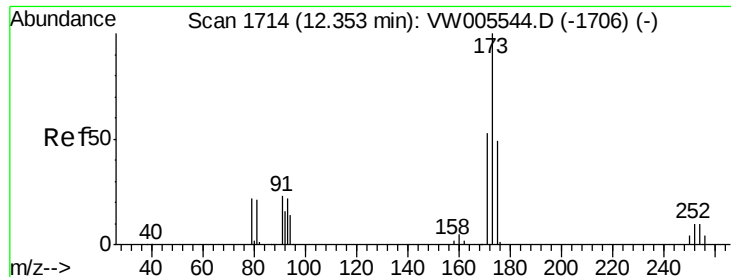
apatel
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#70
Styrene
Concen: 20.357 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VW005630.D
Acq: 26 Sep 2018 01:38

Tgt Ion:104 Resp: 156628
Ion Ratio Lower Upper
104 100
78 52.4 42.2 63.4
103 54.9 44.6 66.8





#71

Bromoform

Concen: 20.251 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW005630.D

Acq: 26 Sep 2018 01:38

Instrument :

MSVOA_W

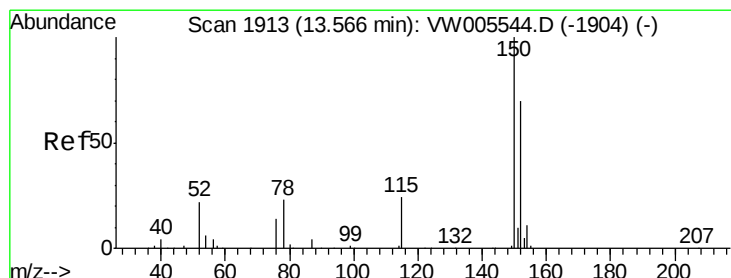
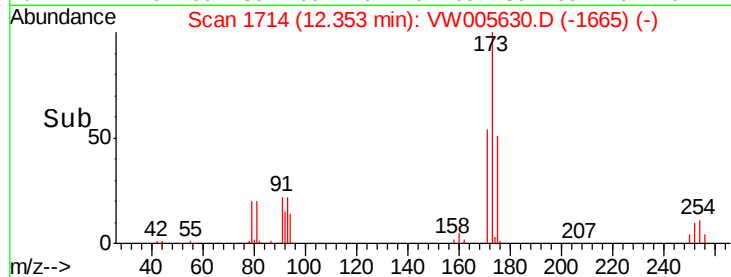
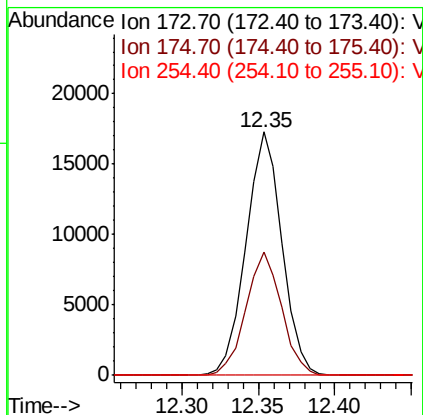
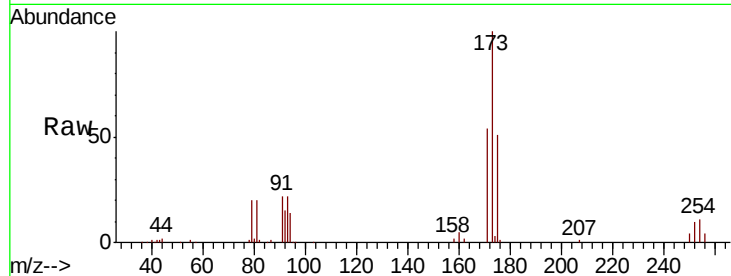
ClientSampleId :

VW0925SBS02

Tot Ion	Ratio	Lower	Upper
173	100		
175	50.3	24.3	72.9
254	0.0	0.1	0.1#

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

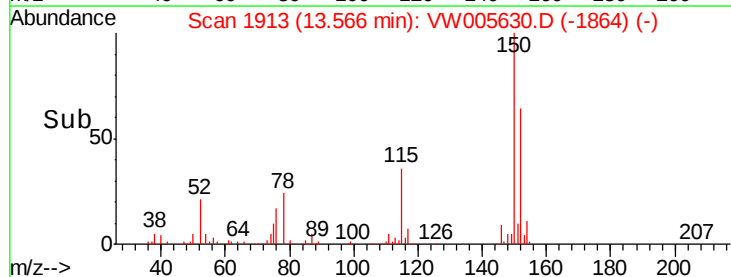
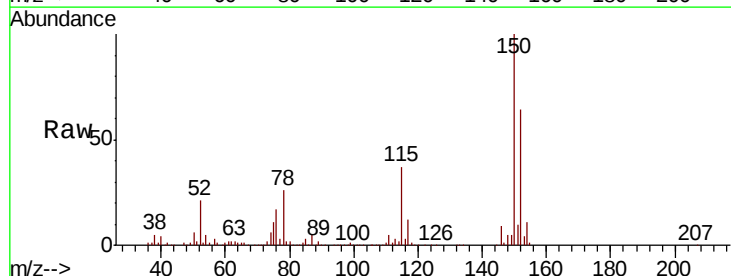
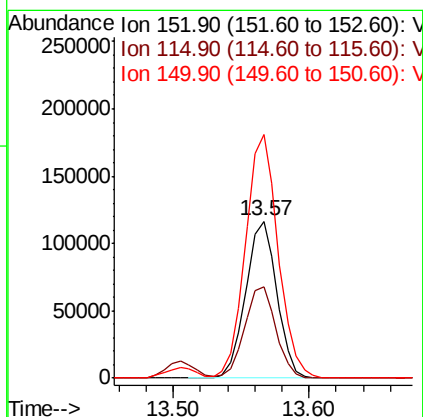
RT: 13.57 min Scan# 1913

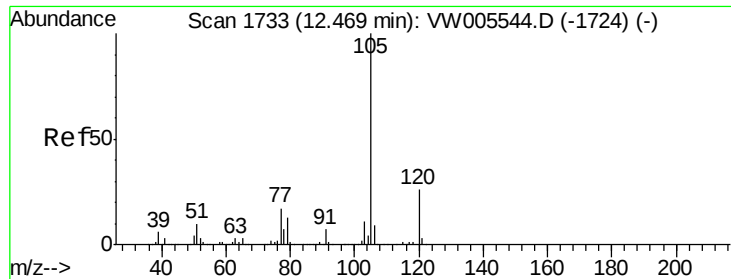
Delta R.T. -0.00 min

Lab File: VW005630.D

Acq: 26 Sep 2018 01:38

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.6	30.0	90.0
150	162.7	0.0	348.6





#73

Isopropylbenzene

Concen: 20.168 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW005630.D

Acq: 26 Sep 2018 01:38

Instrument :

MSVOA_W

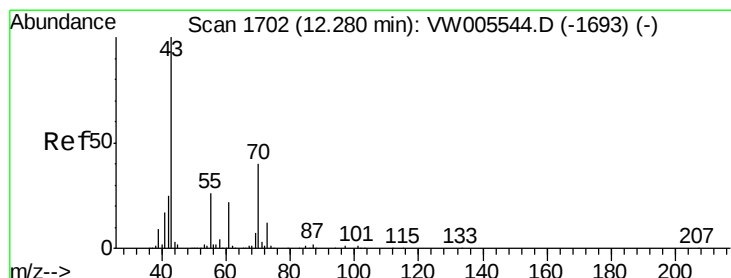
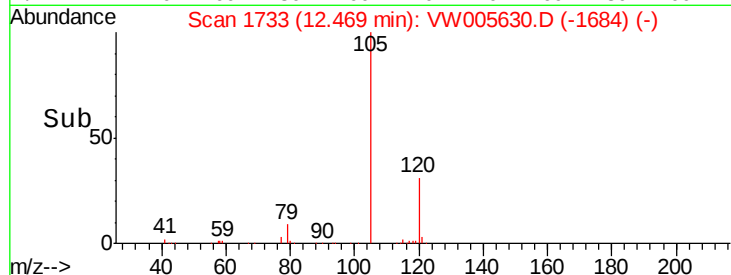
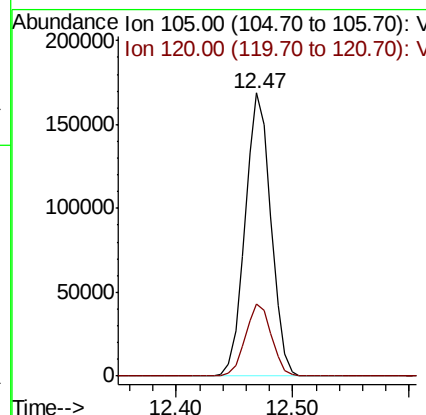
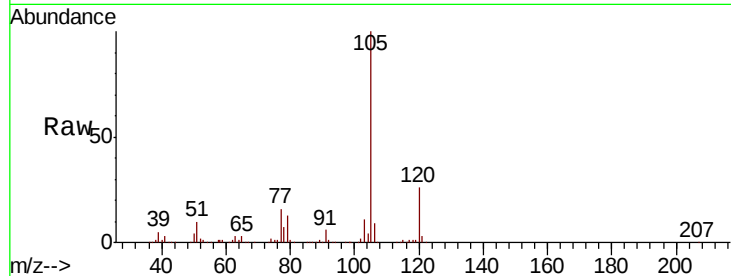
ClientSampleId :

VW0925SBS02

Tot Ion	Ratio	Lower	Upper
105	100		
120	25.7	12.9	38.7

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#74

N-ethyl acetate

Concen: 20.371 ug/l

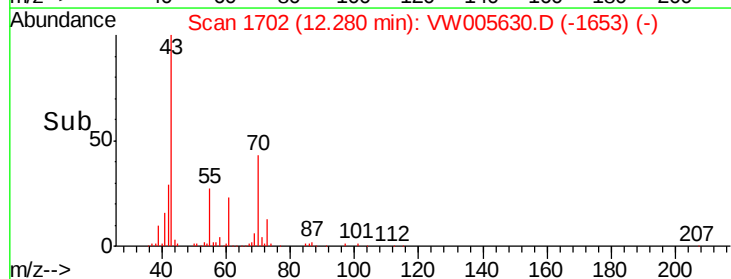
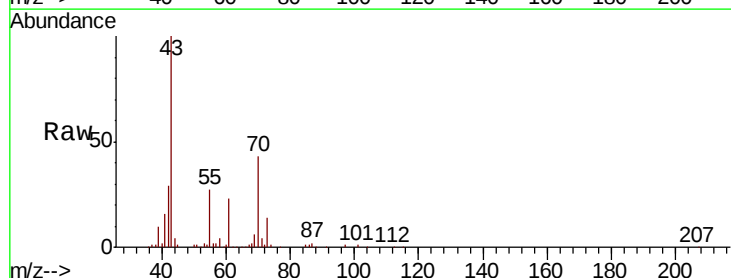
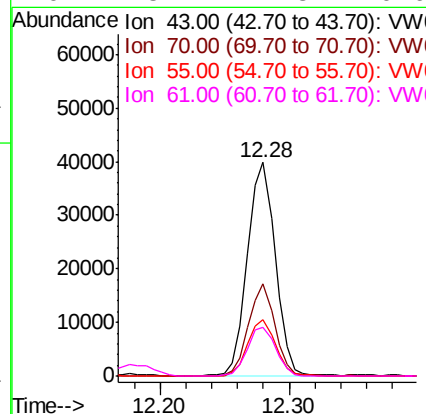
RT: 12.28 min Scan# 1702

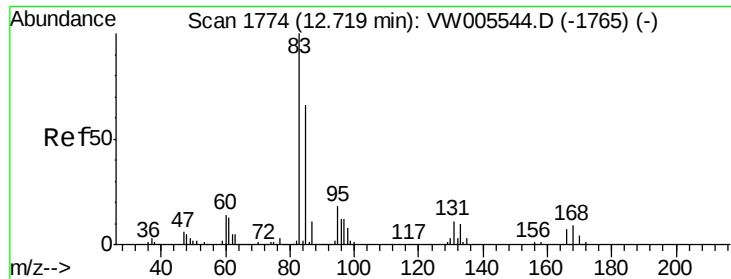
Delta R.T. -0.00 min

Lab File: VW005630.D

Acq: 26 Sep 2018 01:38

Tgt Ion	Ratio	Lower	Upper
43	100		
70	40.5	31.4	47.0
55	26.4	20.9	31.3
61	23.4	17.8	26.6





#75

1,1,2,2-Tetrachloroethane

Concen: 20.549 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW005630.D

Acq: 26 Sep 2018 01:38

Instrument :

MSVOA_W

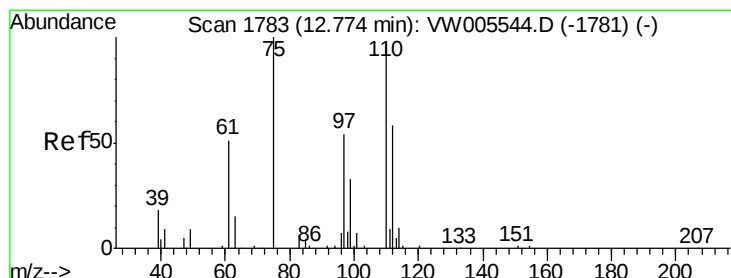
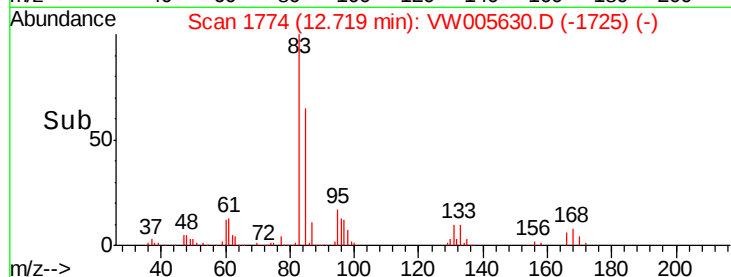
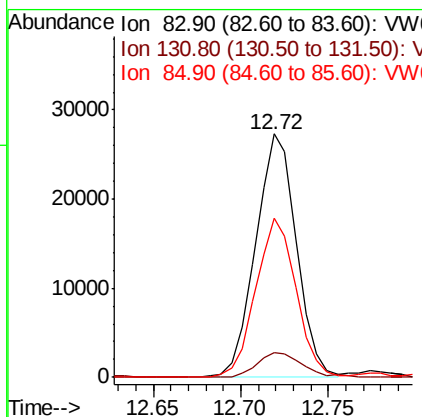
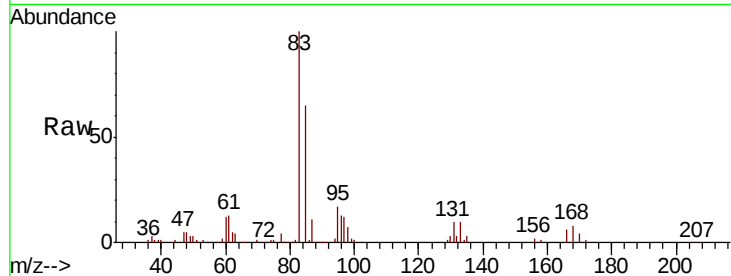
ClientSampleId :

VW0925SBS02

Tot Ion:	83	Resp:	44177
Ion Ratio	Lower	Upper	
83	100		
131	11.4	5.5	16.7
85	64.8	32.4	97.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 20.179 ug/l m

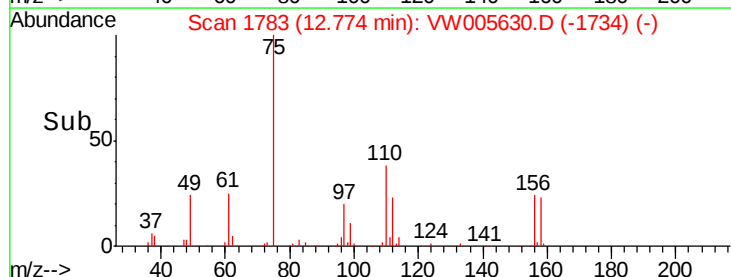
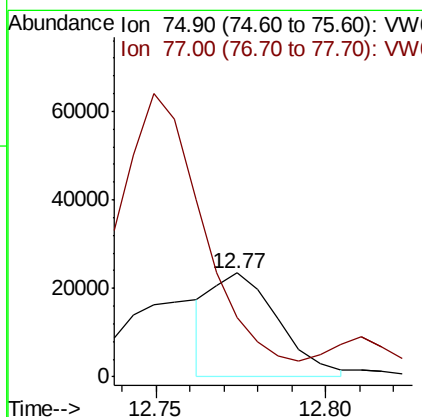
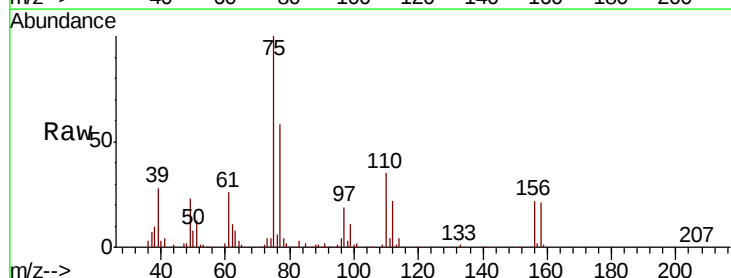
RT: 12.77 min Scan# 1783

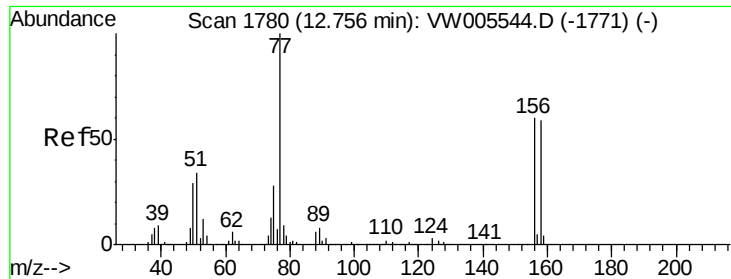
Delta R.T. -0.00 min

Lab File: VW005630.D

Acq: 26 Sep 2018 01:38

Tgt Ion:	75	Resp:	32104
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





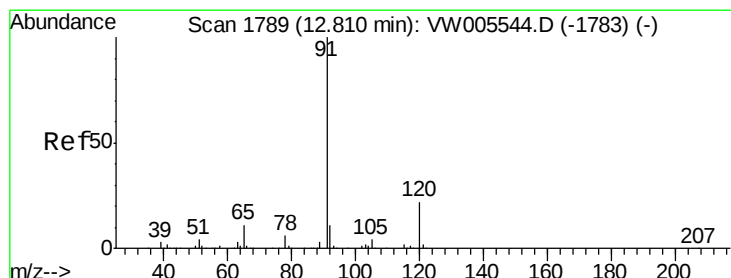
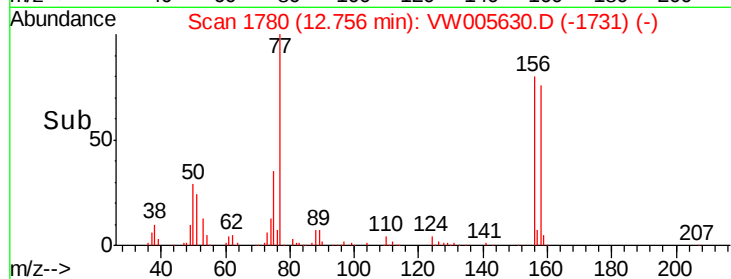
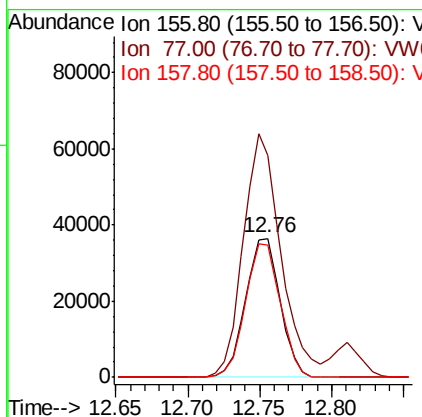
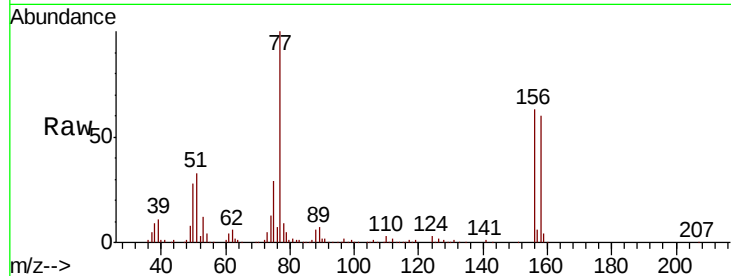
#77
Bromobenzene
Concen: 19.983 ug/l
RT: 12.76 min Scan# 1780
Delta R.T. -0.00 min
Lab File: VW005630.D
Acq: 26 Sep 2018 01:38

Instrument :
MSVOA_W
ClientSampleId :
VW0925SBS02

Tot Ion	Ratio	Lower	Upper
156	100		
77	190.6	94.7	284.1
158	97.1	48.0	144.2

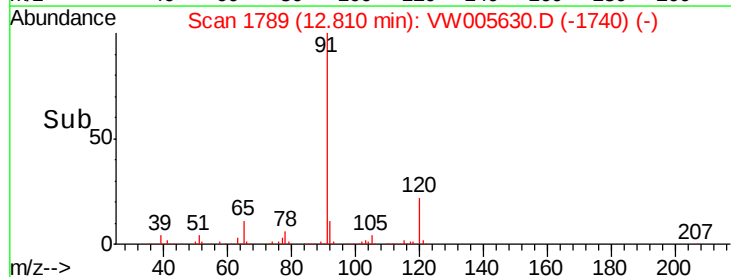
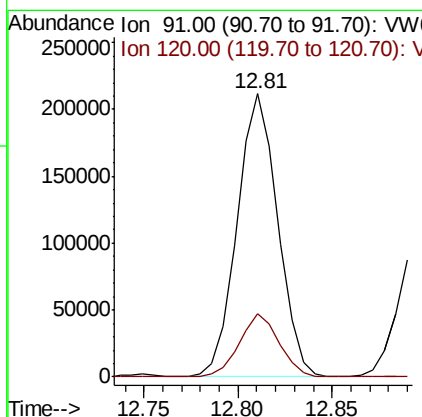
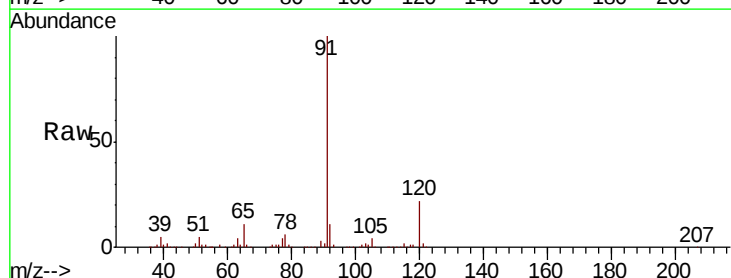
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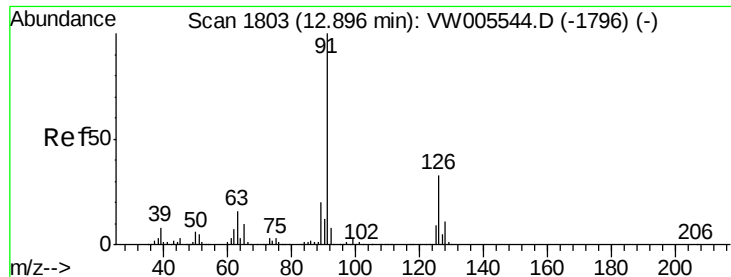
apatel
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#78
n-propylbenzene
Concen: 20.095 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VW005630.D
Acq: 26 Sep 2018 01:38

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.8	11.2	33.5





#79

2-Chlorotoluene

Concen: 20.303 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW005630.D

Acq: 26 Sep 2018 01:38

Instrument :

MSVOA_W

ClientSampleId :

VW0925SBS02

Tot Ion: 91 Resp: 184061

Ion Ratio Lower Upper

91 100

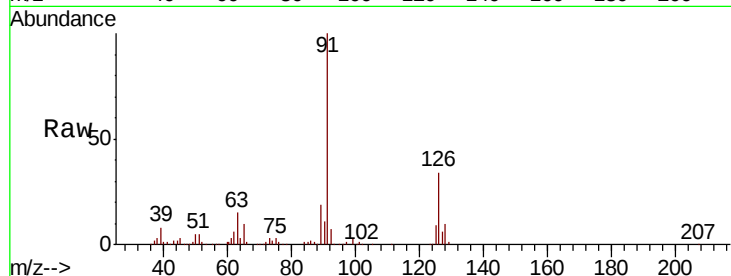
126 32.7 16.4 49.1

Manual Integrations

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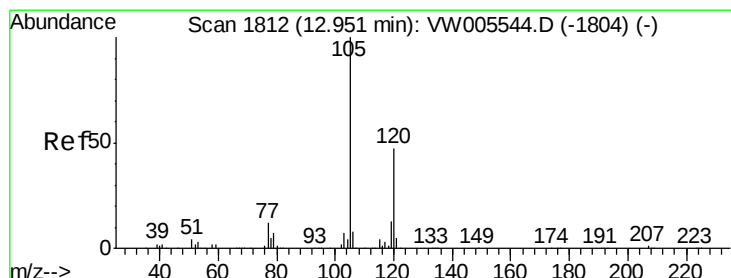
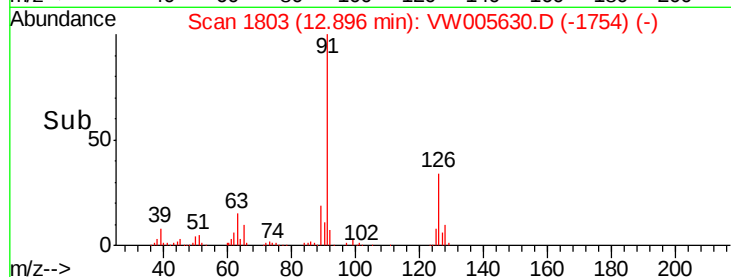
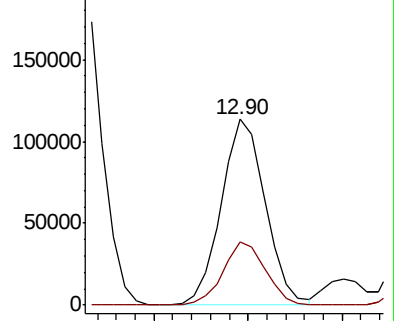
apatel

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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.077 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW005630.D

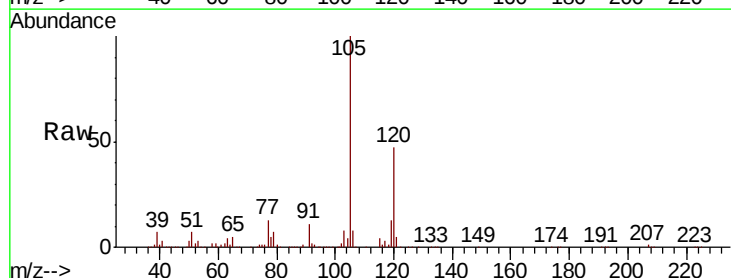
Acq: 26 Sep 2018 01:38

Tgt Ion:105 Resp: 225950

Ion Ratio Lower Upper

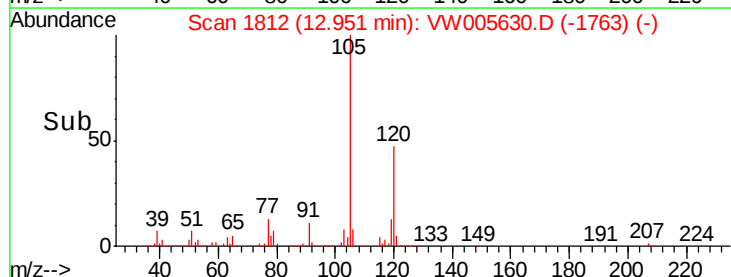
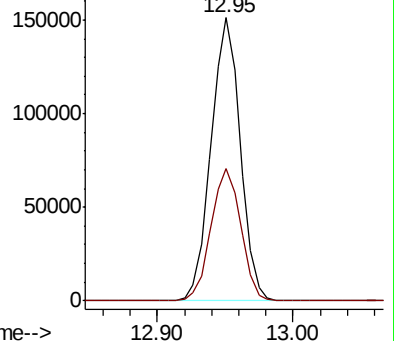
105 100

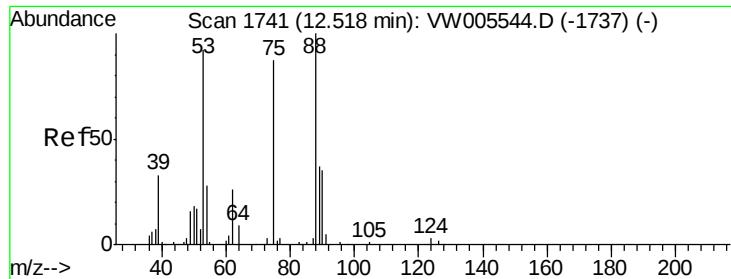
120 47.9 23.6 70.8



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: 19.709 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VW005630.D

Acq: 26 Sep 2018 01:38

Instrument :

MSVOA_W

ClientSampleId :

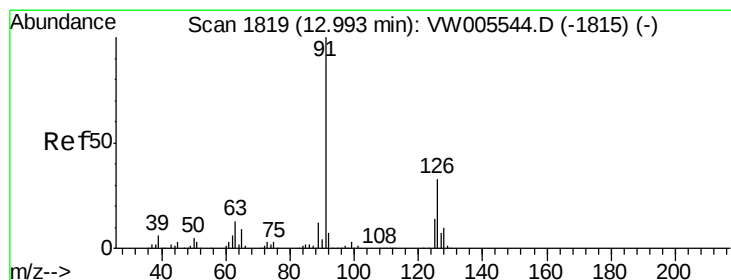
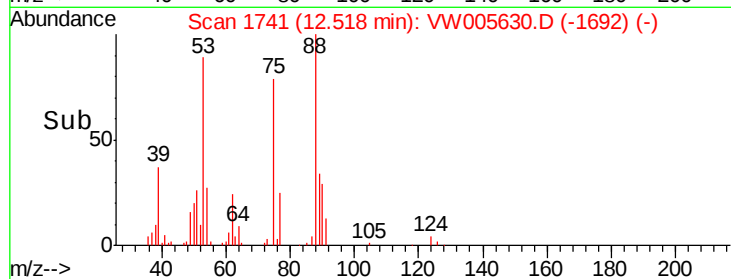
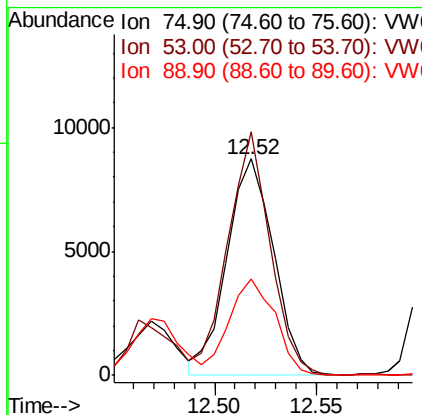
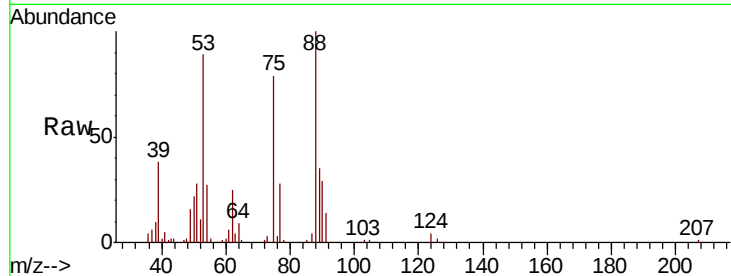
VW0925SBS02

Tot Ion:	75	Resp:	13922
Ion	Ratio	Lower	Upper
75	100		
53	101.6	85.8	128.6
89	43.5	37.3	55.9

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#82

4-Chlorotoluene

Concen: 20.452 ug/l

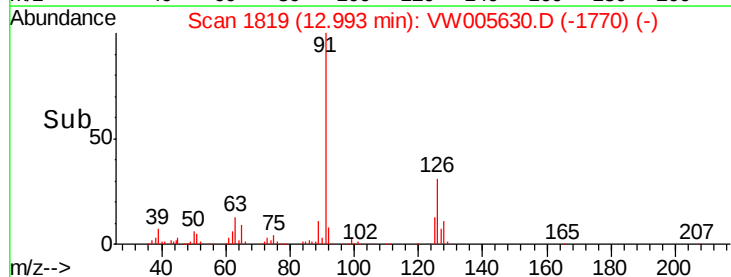
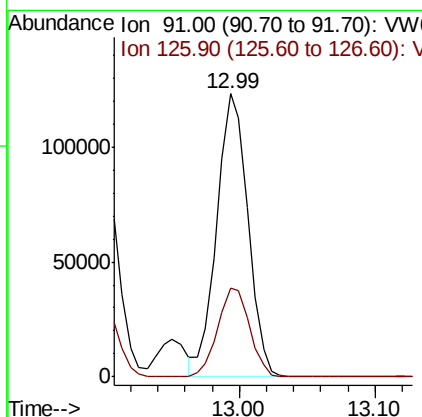
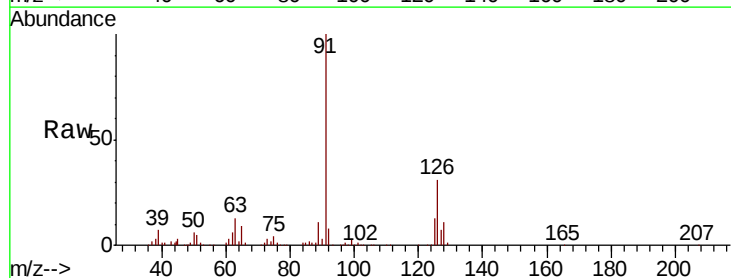
RT: 12.99 min Scan# 1819

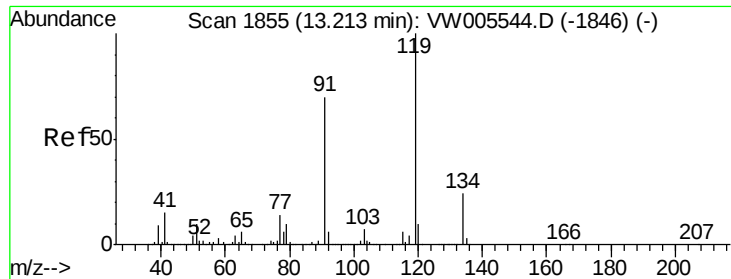
Delta R.T. -0.00 min

Lab File: VW005630.D

Acq: 26 Sep 2018 01:38

Tgt Ion:	91	Resp:	195908
Ion	Ratio	Lower	Upper
91	100		
126	32.1	16.4	49.4





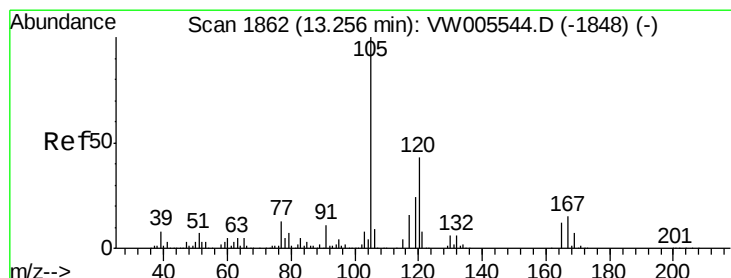
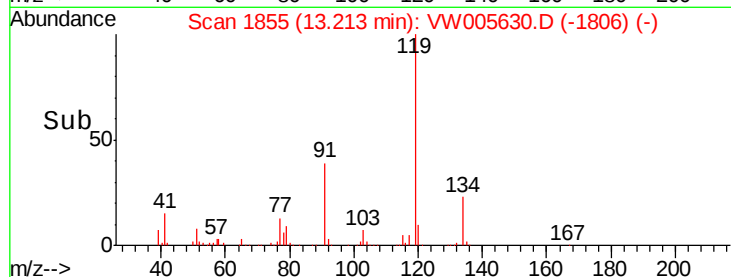
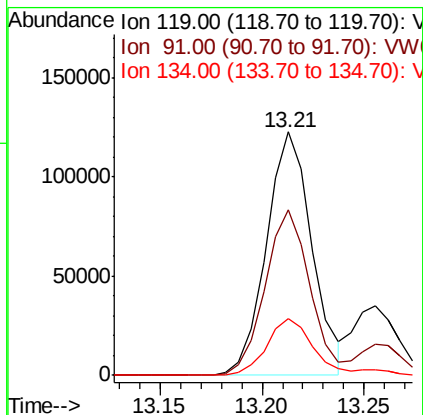
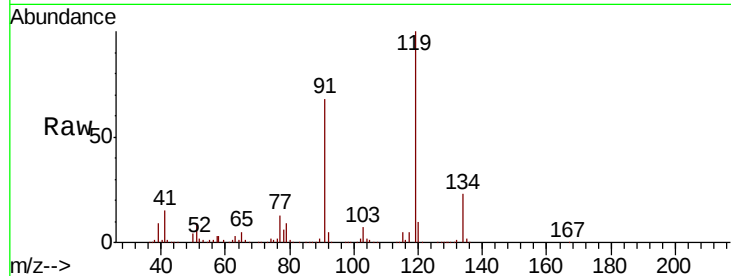
#83
 tert-Butylbenzene
 Concen: 20.177 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW005630.D
 Acq: 26 Sep 2018 01:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0925SBS02

Tot Ion	Ratio	Lower	Upper
119	100		
91	66.6	34.6	103.8
134	25.2	12.6	37.6

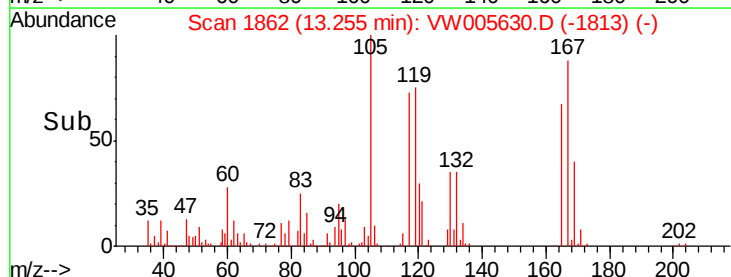
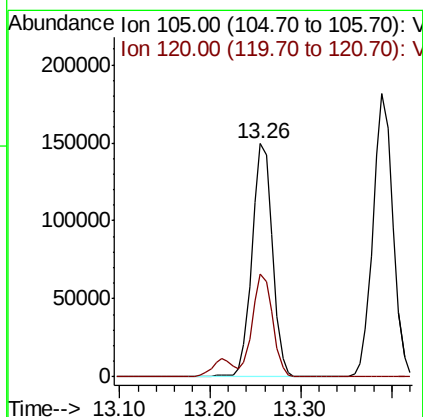
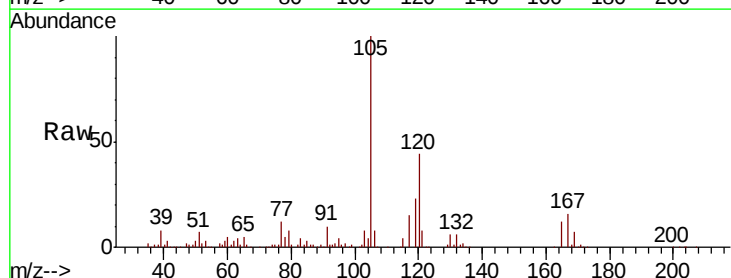
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.605 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW005630.D
 Acq: 26 Sep 2018 01:38

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.4	21.5	64.5





#85

sec-Butylbenzene

Concen: 20.132 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW005630.D

Acq: 26 Sep 2018 01:38

Instrument :

MSVOA_W

ClientSampleId :

VW0925SBS02

Tot Ion:105 Resp: 276071

Ion Ratio Lower Upper

105 100

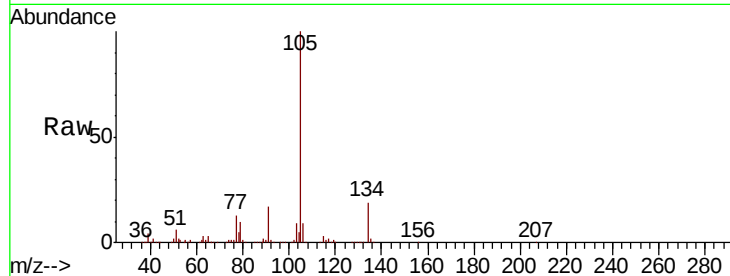
134 19.5 9.8 29.5

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.39

200000

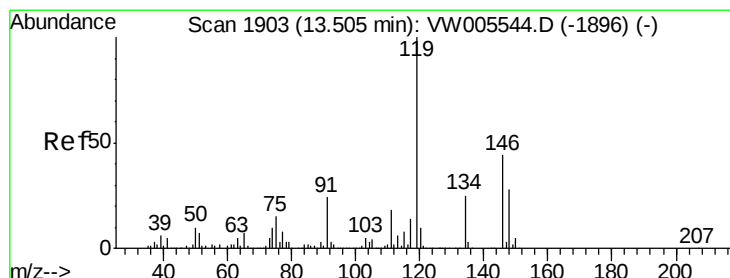
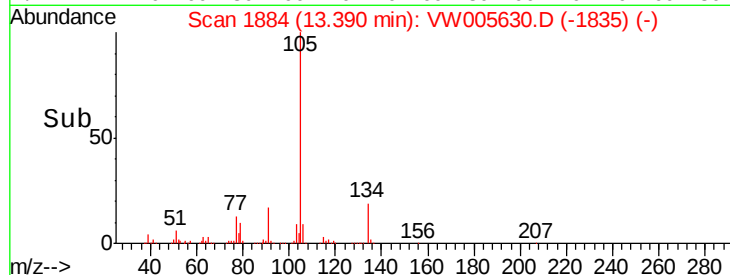
150000

100000

50000

0

Time--> 13.30 13.35 13.40 13.45



#86

p-Isopropyltoluene

Concen: 20.270 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW005630.D

Acq: 26 Sep 2018 01:38

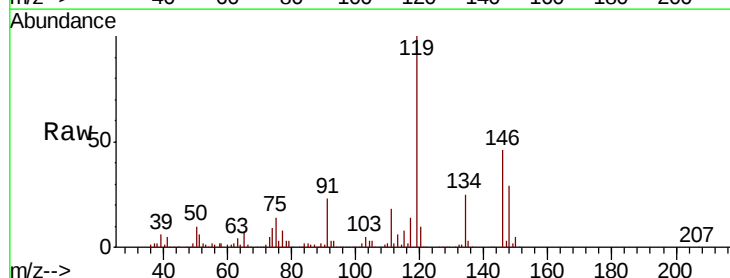
Tgt Ion:119 Resp: 249139

Ion Ratio Lower Upper

119 100

134 25.6 12.7 38.1

91 23.8 12.2 36.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.51

200000

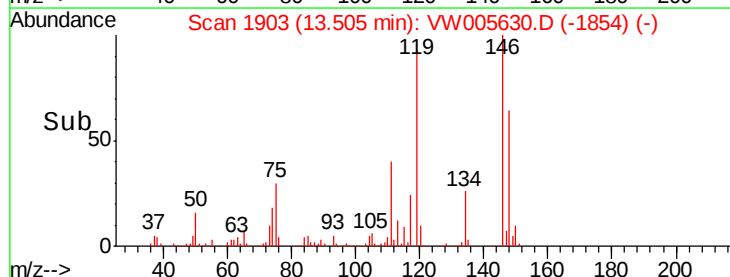
150000

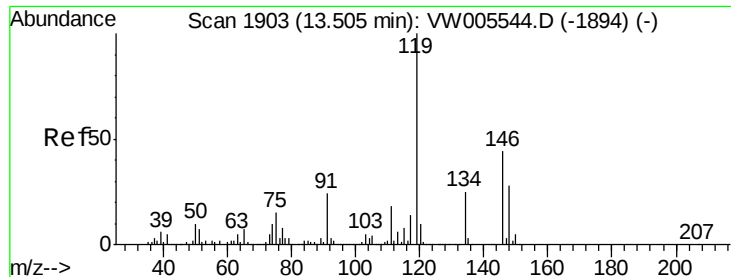
100000

50000

0

Time--> 13.40 13.50 13.60





#87

1,3-Dichlorobenzene

Concen: 20.179 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW005630.D

Acq: 26 Sep 2018 01:38

Instrument :

MSVOA_W

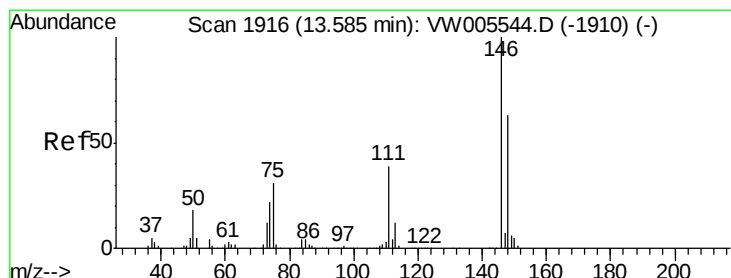
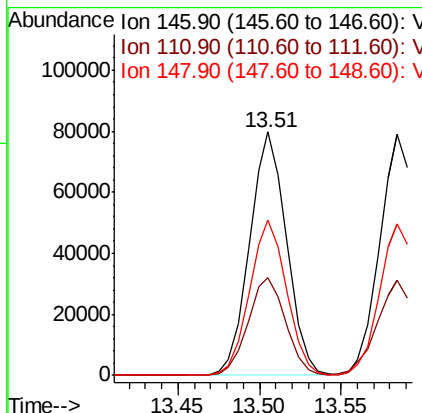
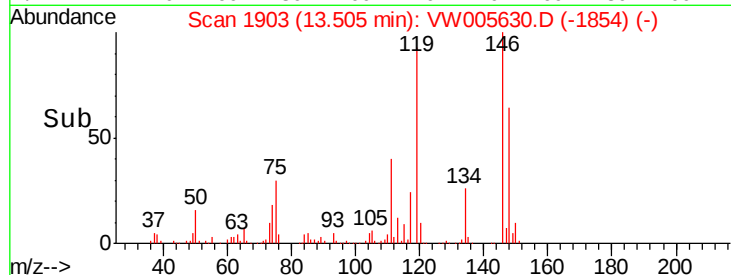
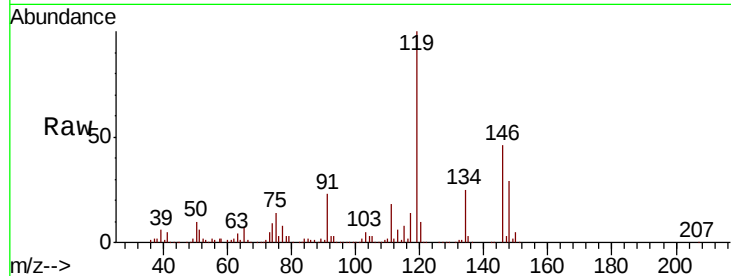
ClientSampleId :

VW0925SBS02

Tot Ion:	146	Resp:	125166
Ion Ratio	Lower	Upper	
146	100		
111	40.6	20.3	60.9
148	63.7	31.8	95.4

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#88

1,4-Dichlorobenzene

Concen: 20.118 ug/l

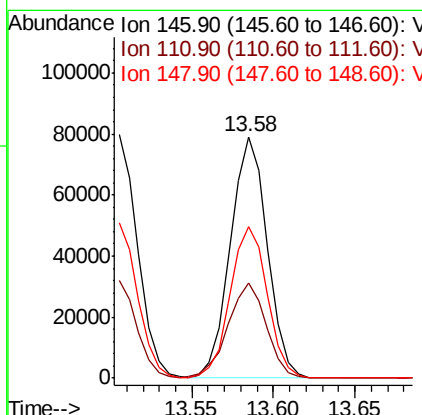
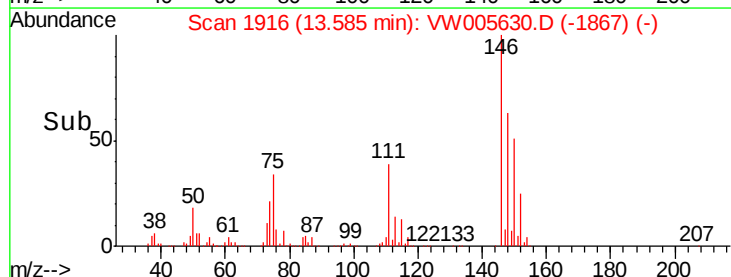
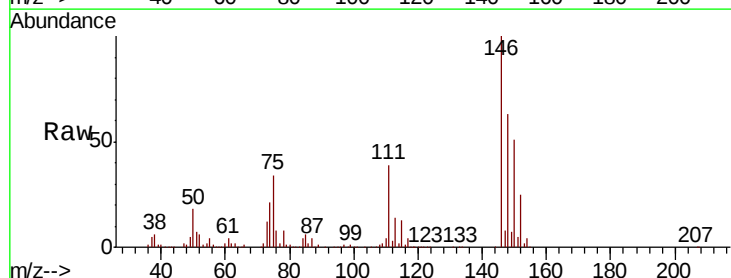
RT: 13.58 min Scan# 1916

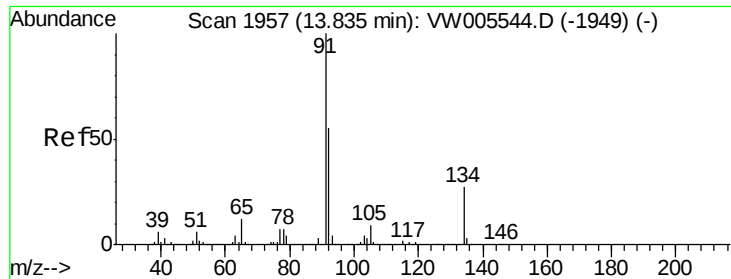
Delta R.T. -0.00 min

Lab File: VW005630.D

Acq: 26 Sep 2018 01:38

Tgt Ion:	146	Resp:	124112
Ion Ratio	Lower	Upper	
146	100		
111	41.3	19.9	59.7
148	63.4	32.1	96.3





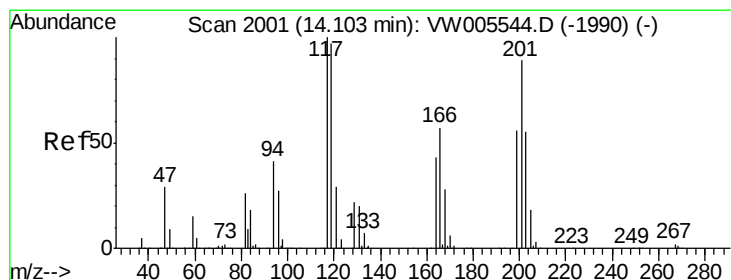
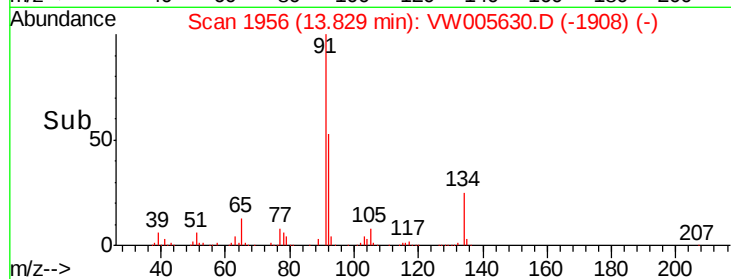
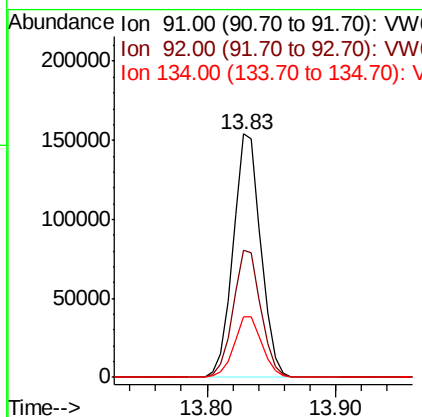
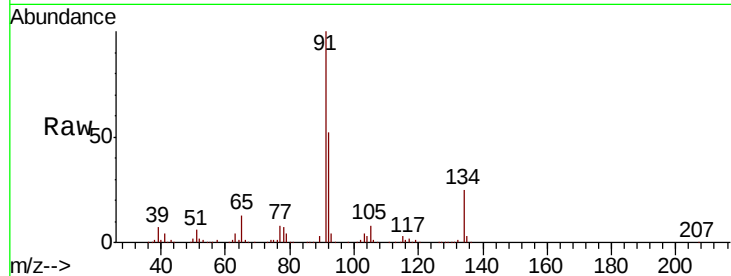
#89
n-Butylbenzene
Concen: 19.794 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.01 min
Lab File: VW005630.D
Acq: 26 Sep 2018 01:38

Instrument :
MSVOA_W
ClientSampleId :
VW0925SBS02

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.4	26.5	79.5
134	25.2	12.9	38.7

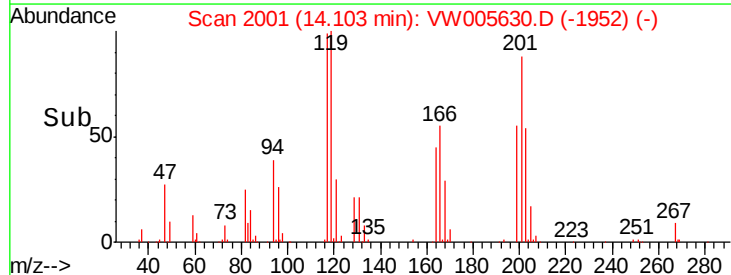
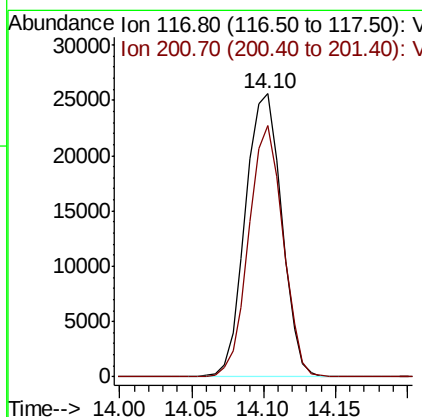
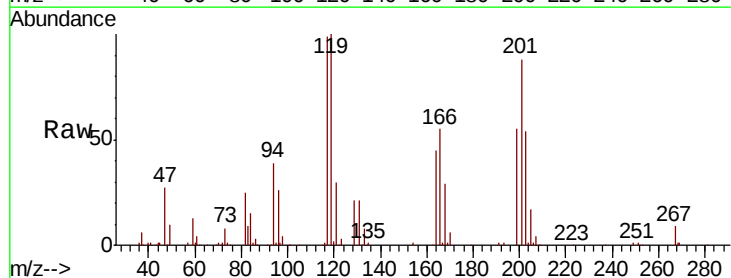
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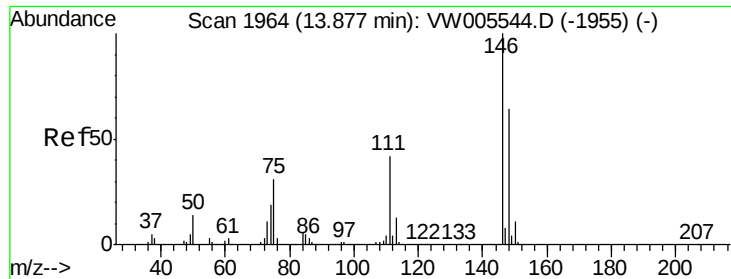
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#90
Hexachloroethane
Concen: 20.076 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. -0.00 min
Lab File: VW005630.D
Acq: 26 Sep 2018 01:38

Tgt Ion	Ratio	Lower	Upper
117	100		
201	83.6	42.8	128.3





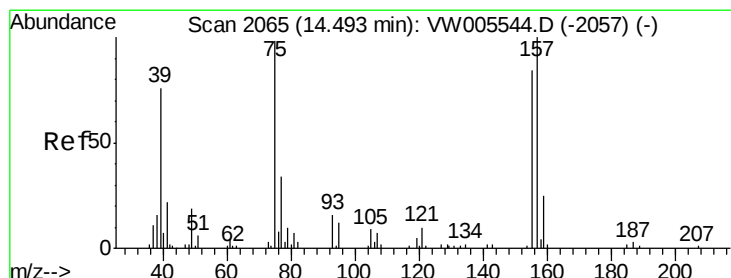
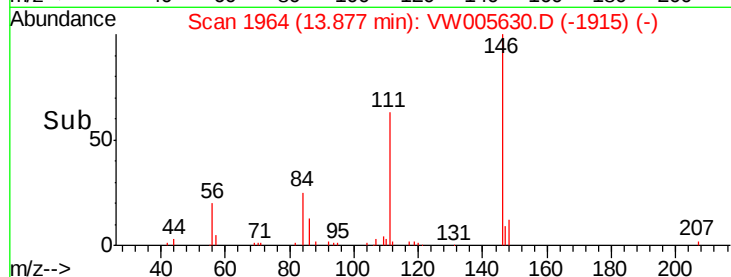
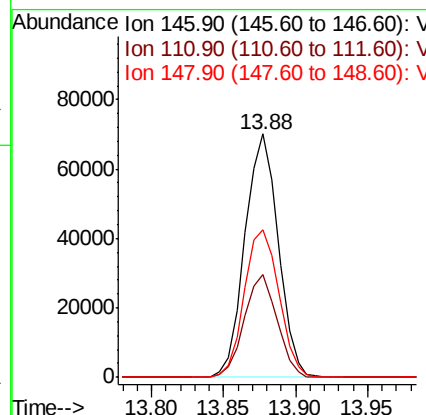
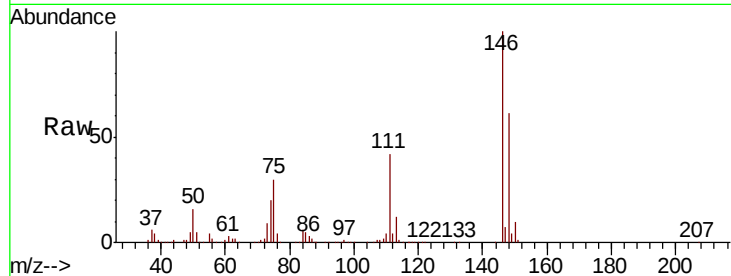
#91
 1,2-Dichlorobenzene
 Concen: 20.505 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW005630.D
 Acq: 26 Sep 2018 01:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0925SBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.9	21.3	63.9
148	63.2	32.0	96.2

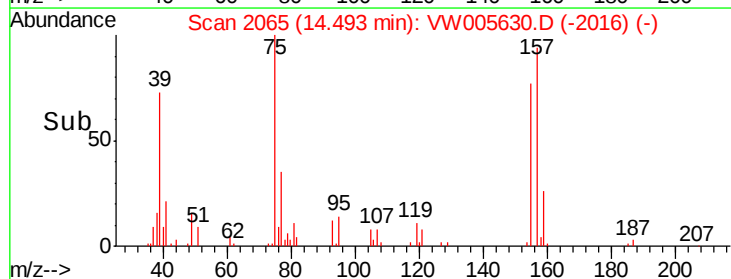
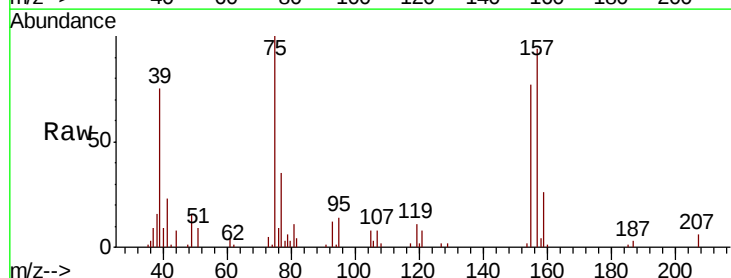
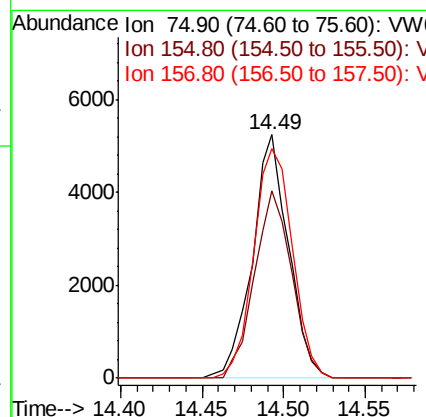
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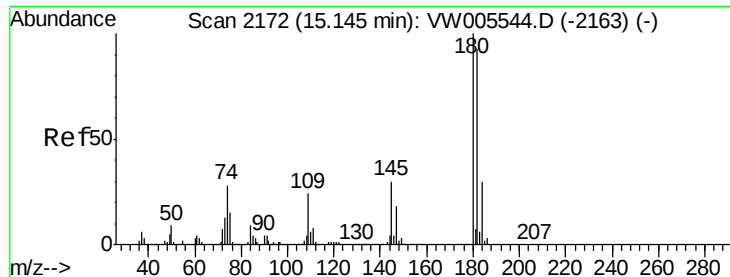
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.832 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW005630.D
 Acq: 26 Sep 2018 01:38

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.1	39.1	117.5
157	100.7	50.8	152.4





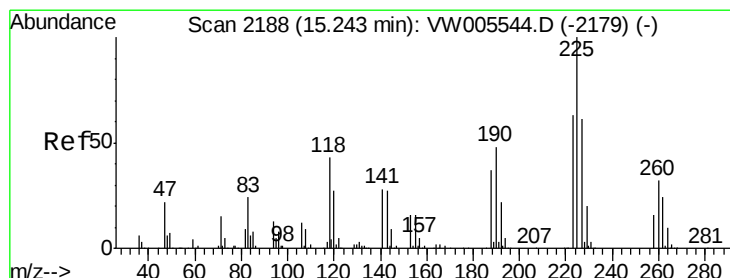
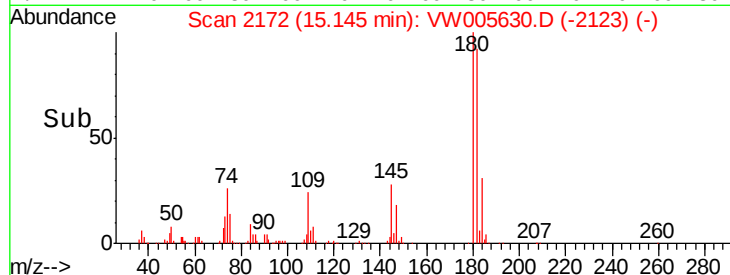
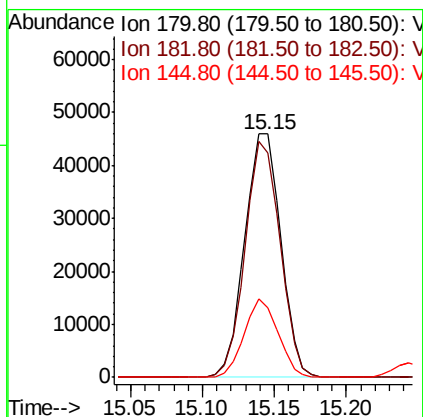
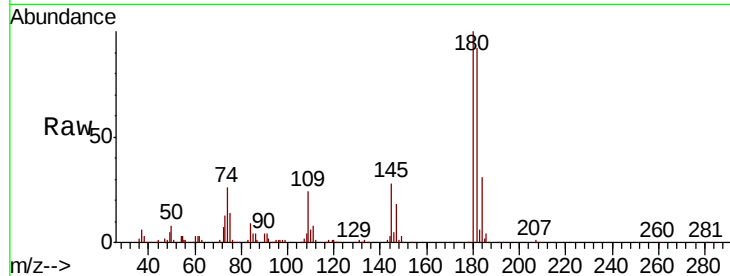
#93
 1,2,4-Trichlorobenzene
 Concen: 20.412 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. -0.00 min
 Lab File: VW005630.D
 Acq: 26 Sep 2018 01:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0925SBS02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	79731		
182	94.0	47.7	143.1	
145	30.4	15.0	45.1	

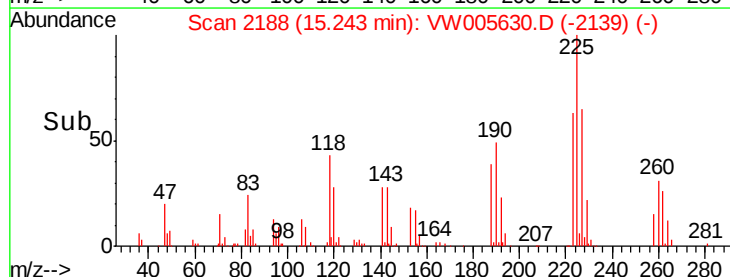
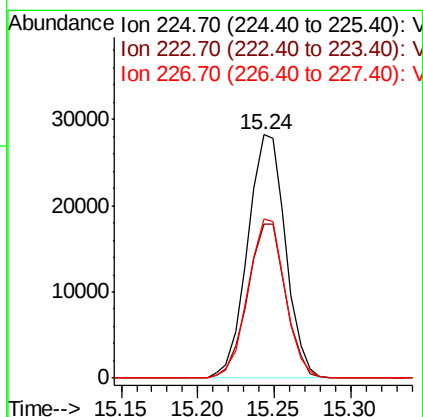
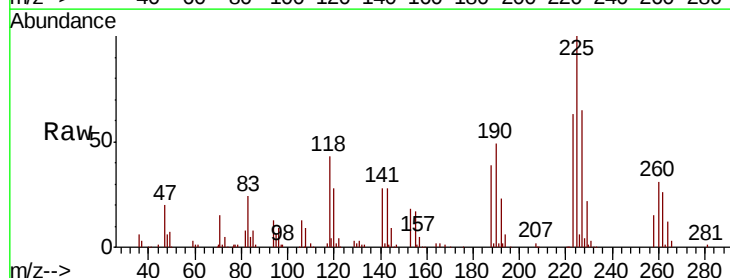
Manual Integrations
 APPROVED

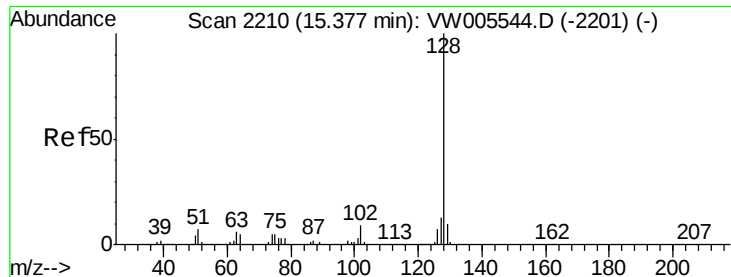
apatel
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#94
 Hexachlorobutadiene
 Concen: 19.199 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW005630.D
 Acq: 26 Sep 2018 01:38

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	48585		
223	63.5	31.1	93.3	
227	64.4	31.8	95.3	





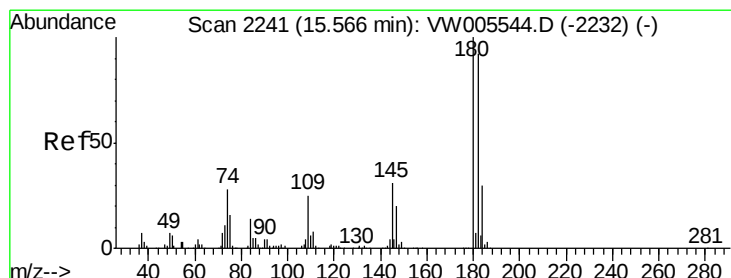
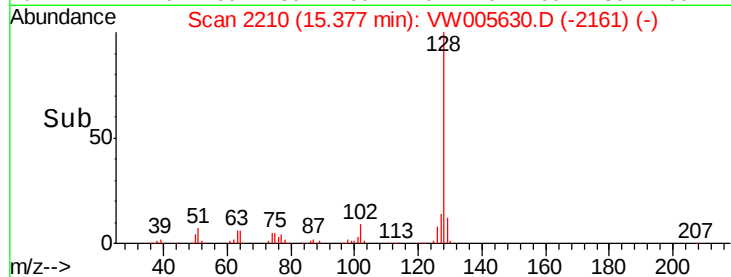
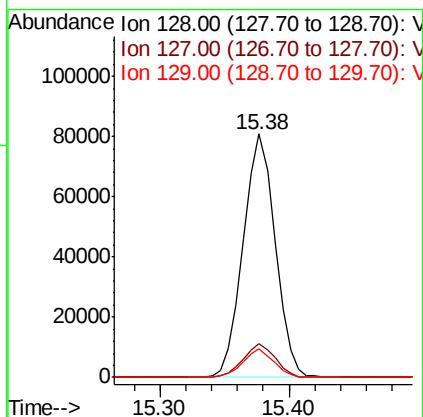
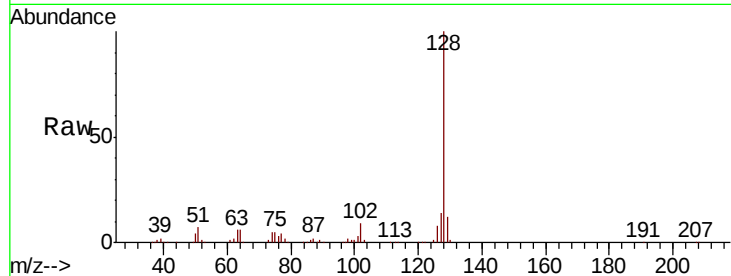
#95
Naphthalene
Concen: 21.129 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW005630.D
Acq: 26 Sep 2018 01:38

Instrument :
MSVOA_W
ClientSampleId :
VW0925SBS02

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.9	16.3
129	11.4	8.6	13.0

Manual Integrations
APPROVED

apatel
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#96
1,2,3-Trichlorobenzene
Concen: 20.830 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW005630.D
Acq: 26 Sep 2018 01:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.3	141.9
145	31.1	16.0	47.9

