

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092218\
 Data File : VW005552.D
 Acq On : 21 Sep 2018 11:48
 Operator : VA/AP
 Sample : VW0922SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0922SBS01

Manual Integrations
 APPROVED

Quant Time: Sep 21 15:08:02 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

apater

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	247538	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	365779	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	334876	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	179199	50.00	ug/l	0.00

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System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	136805	46.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.82%	
35) Dibromofluoromethane	7.89	113	115307	50.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.26%	
50) Toluene-d8	10.33	98	486912	51.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.98%	
62) 4-Bromofluorobenzene	12.63	95	174634	50.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.02	85	38891	24.458	ug/l	97
3) Chloromethane	2.22	50	41913	21.063	ug/l	100
4) Vinyl Chloride	2.37	62	51600	21.694	ug/l	99
5) Bromomethane	2.78	94	32938	20.491	ug/l	97
6) Chloroethane	2.93	64	31606	20.708	ug/l	97
7) Trichlorofluoromethane	3.26	101	40940	22.007	ug/l	97
8) Diethyl Ether	3.67	74	23282	19.159	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	47953	20.363	ug/l	97
10) Methyl Iodide	4.26	142	73390	20.265	ug/l	99
11) Tert butyl alcohol	5.20	59	15129	99.047	ug/l	96
12) 1,1-Dichloroethene	4.03	96	47033	20.862	ug/l	99
13) Acrolein	3.89	56	12885	117.543	ug/l	99
14) Allyl chloride	4.67	41	78875	20.047	ug/l	100
15) Acrylonitrile	5.37	53	49064	90.936	ug/l	99
16) Acetone	4.13	43	55477	115.951	ug/l	97
17) Carbon Disulfide	4.37	76	148169	21.035	ug/l	100
18) Methyl Acetate	4.67	43	23873	17.272	ug/l	96
19) Methyl tert-butyl Ether	5.42	73	67055	19.270	ug/l	100
20) Methylene Chloride	4.91	84	56295	20.512	ug/l	97
21) trans-1,2-Dichloroethene	5.43	96	49579	20.078	ug/l	95
22) Diisopropyl ether	6.31	45	151892	19.887	ug/l	96
23) Vinyl Acetate	6.26	43	422691	96.825	ug/l	100
24) 1,1-Dichloroethane	6.21	63	94177	19.957	ug/l	99
25) 2-Butanone	7.18	43	65121	91.944	ug/l	98
26) 2,2-Dichloropropane	7.16	77	68114	20.676	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	53562	19.666	ug/l	97
28) Bromochloromethane	7.51	49	35946	19.230	ug/l	99
29) Tetrahydrofuran	7.53	42	39692	89.703	ug/l	99
30) Chloroform	7.68	83	95138	19.528	ug/l	95
31) Cyclohexane	7.96	56	93145	20.603	ug/l	90
32) 1,1,1-Trichloroethane	7.87	97	88141	20.480	ug/l	99
36) 1,1-Dichloropropene	8.09	75	78902	21.428	ug/l	99
37) Ethyl Acetate	7.26	43	29268	18.888	ug/l	98
38) Carbon Tetrachloride	8.07	117	82994	21.034	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	
39) Methylcyclohexane	9.34	83	94482	21.749	ug/l	99	
40) Benzene	8.33	78	212535	20.372	ug/l	98	9/24/2018 9:35:33 AM
41) Methacrylonitrile	7.49	41	17246	19.558	ug/l	99	
42) 1,2-Dichloroethane	8.40	62	65094	19.488	ug/l	99	
43) Isopropyl Acetate	8.43	43	55350	18.168	ug/l	99	
44) Trichloroethene	9.10	130	56170	21.034	ug/l	96	
45) 1,2-Dichloropropane	9.37	63	50811	19.796	ug/l	99	
46) Dibromomethane	9.46	93	24562	19.152	ug/l	99	
47) Bromodichloromethane	9.65	83	67342	19.548	ug/l	99	
48) Methyl methacrylate	9.44	41	27045	18.690	ug/l	97	
49) 1,4-Dioxane	9.46	88	7600	372.745	ug/l #	100	
51) 4-Methyl-2-Pentanone	10.21	43	139963	91.215	ug/l	100	
52) Toluene	10.39	92	135201	20.769	ug/l	98	
53) t-1,3-Dichloropropene	10.61	75	69609	20.156	ug/l	100	
54) cis-1,3-Dichloropropene	10.08	75	77657	20.069	ug/l	98	
55) 1,1,2-Trichloroethane	10.79	97	34963	19.206	ug/l	96	
56) Ethyl methacrylate	10.65	69	42389	18.863	ug/l	100	
57) 1,3-Dichloropropane	10.94	76	61789	19.151	ug/l	100	
58) 2-Chloroethyl Vinyl ether	9.93	63	97029	95.251	ug/l	97	
59) 2-Hexanone	10.98	43	99277	95.241	ug/l	100	
60) Dibromochloromethane	11.13	129	42595	19.366	ug/l	97	
61) 1,2-Dibromoethane	11.24	107	33139	19.525	ug/l	98	
64) Tetrachloroethene	10.87	164	48368	20.350	ug/l	98	
65) Chlorobenzene	11.66	112	145653	20.489	ug/l	91	
66) 1,1,1,2-Tetrachloroethane	11.74	131	51295	20.048	ug/l	98	
67) Ethyl Benzene	11.74	91	264277	20.944	ug/l	100	
68) m/p-Xylenes	11.85	106	201209	42.206	ug/l	99	
69) o-Xylene	12.17	106	91965	20.598	ug/l	100	
70) Styrene	12.19	104	153509	20.430	ug/l	100	
71) Bromoform	12.35	173	25352	18.667	ug/l #	97	
73) Isopropylbenzene	12.47	105	268685	21.621	ug/l	99	
74) N-amyl acetate	12.28	43	51361	18.252	ug/l	98	
75) 1,1,2,2-Tetrachloroethane	12.72	83	40054	19.405	ug/l	98	
76) 1,2,3-Trichloropropane	12.77	75	30446m	19.931	ug/l		
77) Bromobenzene	12.75	156	59650	20.480	ug/l	99	
78) n-propylbenzene	12.81	91	330523	21.969	ug/l	99	
79) 2-Chlorotoluene	12.90	91	185429	21.303	ug/l	99	
80) 1,3,5-Trimethylbenzene	12.95	105	235099	21.757	ug/l	99	
81) trans-1,4-Dichloro-2-buten	12.52	75	12909	19.034	ug/l	97	
82) 4-Chlorotoluene	12.99	91	196228	21.336	ug/l	99	
83) tert-Butylbenzene	13.21	119	194536	21.429	ug/l	99	
84) 1,2,4-Trimethylbenzene	13.26	105	239715	21.983	ug/l	98	
85) sec-Butylbenzene	13.39	105	290627	22.074	ug/l	100	
86) p-Isopropyltoluene	13.51	119	260096	22.040	ug/l	100	
87) 1,3-Dichlorobenzene	13.51	146	123648	20.761	ug/l	99	
88) 1,4-Dichlorobenzene	13.58	146	122555	20.690	ug/l	99	
89) n-Butylbenzene	13.83	91	245820	22.084	ug/l	98	
90) Hexachloroethane	14.10	117	44195	20.662	ug/l	99	
91) 1,2-Dichlorobenzene	13.88	146	106781	20.310	ug/l	99	
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7405	18.829	ug/l	94	

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Instrument :
MSVOA_W
ClientSampleId :
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Manual Integrations
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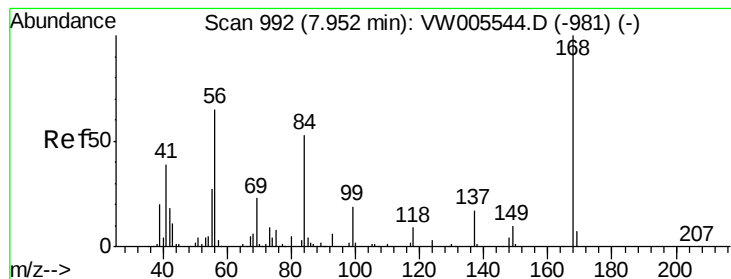
Quant Time: Sep 21 15:08:02 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 21 09:05:42 2018
Response via : Initial Calibration

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	79795	21.276	ug/l	99
94) Hexachlorobutadiene	15.25	225	52225	21.494	ug/l	99
95) Naphthalene	15.38	128	123866	19.635	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	68004	20.575	ug/l	100

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(#) = 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: VW005552.D

Acq: 21 Sep 2018 11:48

Tot Ion: 168 Resp: 247538

Ion Ratio Lower Upper

168 100

99 58.1 48.4 72.6

Instrument :

MSVOA_W

ClientSampleId :

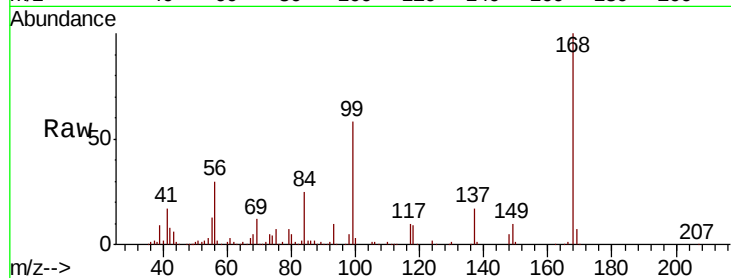
VW0922SBS01

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

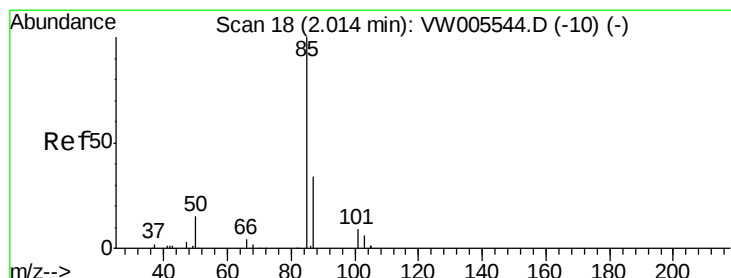
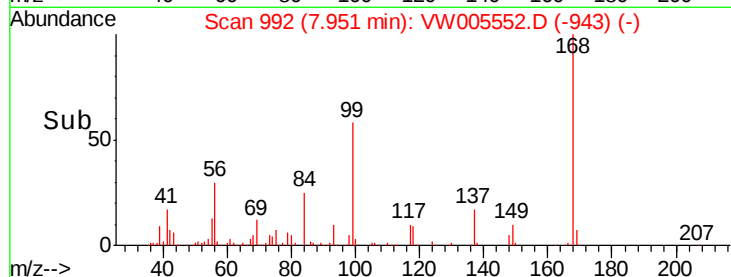
7.95

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 24.458 ug/l

RT: 2.02 min Scan# 19

Delta R.T. 0.01 min

Lab File: VW005552.D

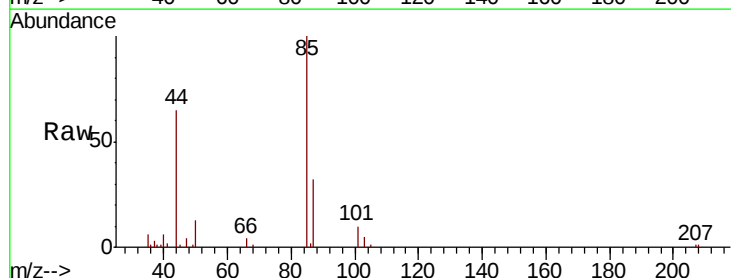
Acq: 21 Sep 2018 11:48

Tgt Ion: 85 Resp: 38891

Ion Ratio Lower Upper

85 100

87 32.0 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.02

12000

10000

8000

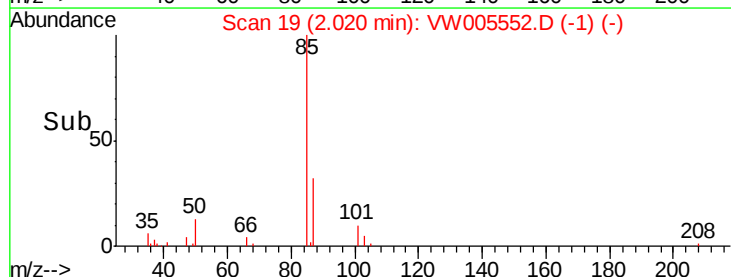
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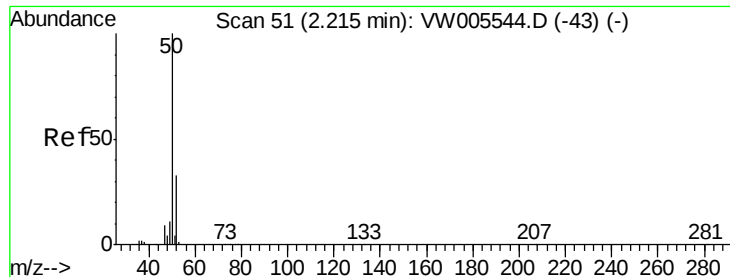
4000

2000

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Time-->





#3

Chloromethane

Concen: 21.063 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.01 min

Lab File: VW005552.D

Acq: 21 Sep 2018 11:48

Instrument :

MSVOA_W

ClientSampleId :

VW0922SBS01

Tot Ion: 50 Resp: 41913

Ion Ratio Lower Upper

50 100

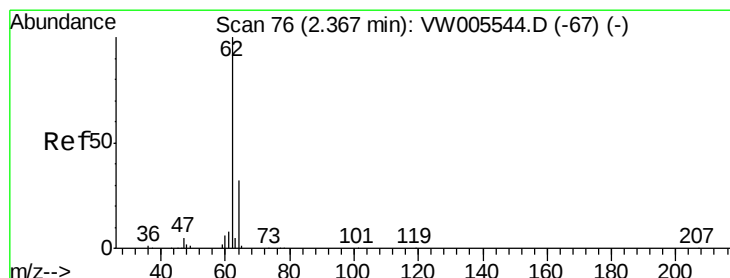
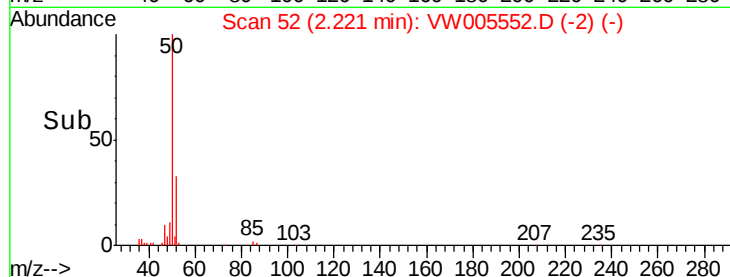
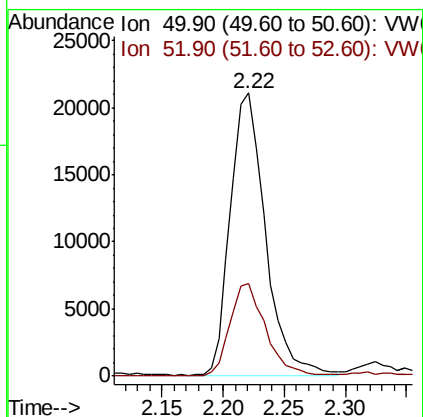
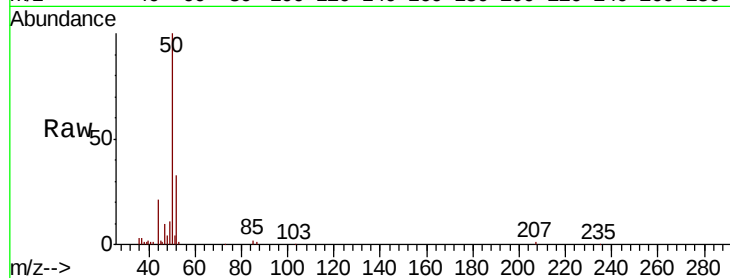
52 33.1 26.2 39.4

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#4

Vinyl Chloride

Concen: 21.694 ug/l

RT: 2.37 min Scan# 77

Delta R.T. 0.01 min

Lab File: VW005552.D

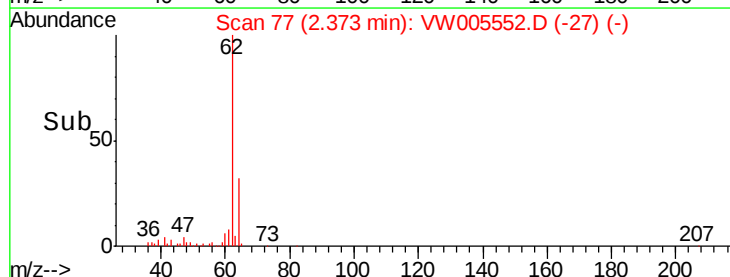
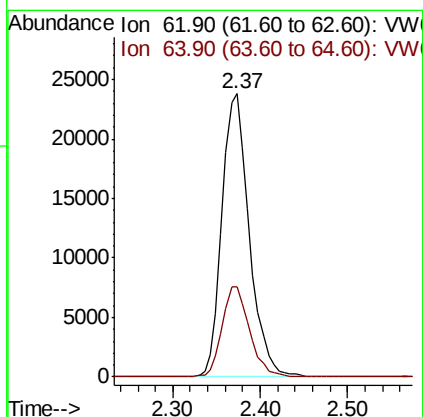
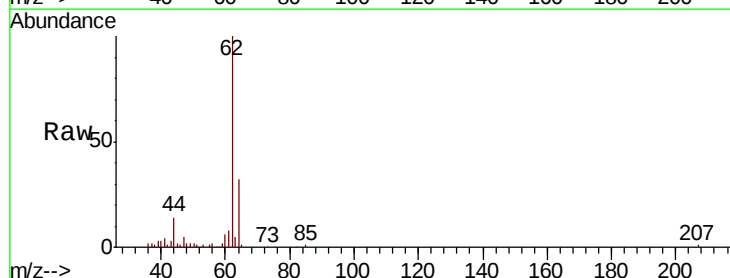
Acq: 21 Sep 2018 11:48

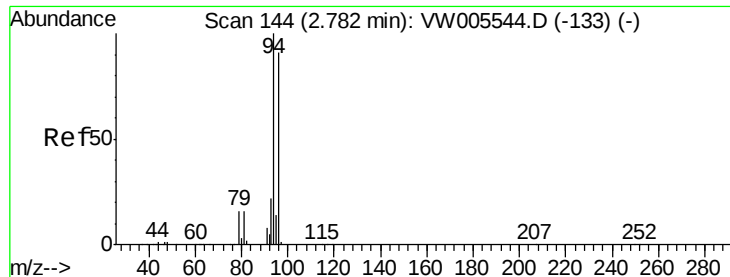
Tgt Ion: 62 Resp: 51600

Ion Ratio Lower Upper

62 100

64 31.7 25.7 38.5





#5

Bromomethane

Concen: 20.491 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.00 min

Lab File: VW005552.D

Acq: 21 Sep 2018 11:48

Instrument :

MSVOA_W

ClientSampleId :

VW0922SBS01

Tot Ion: 94 Resp: 32938

Ion Ratio Lower Upper

94 100

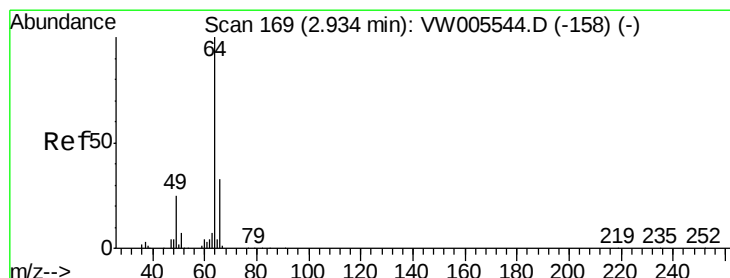
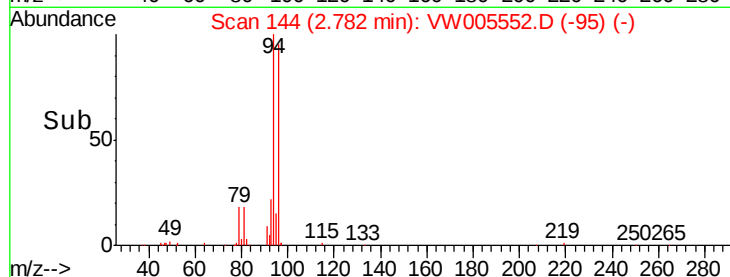
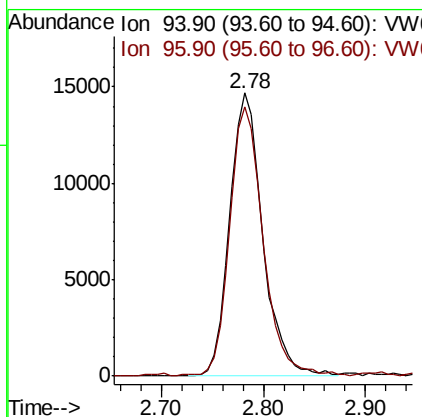
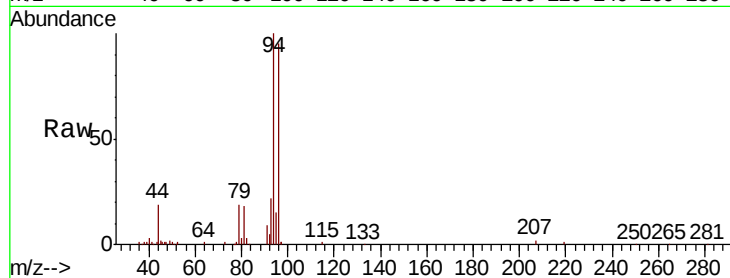
96 94.5 73.1 109.7

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#6

Chloroethane

Concen: 20.708 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW005552.D

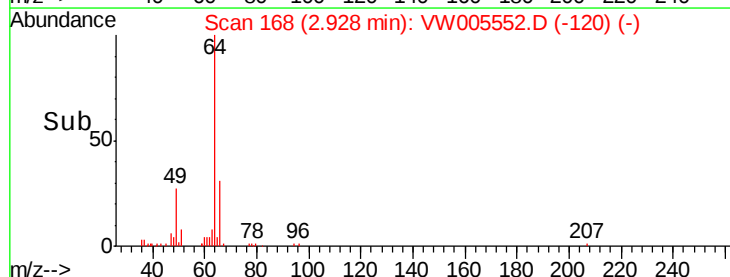
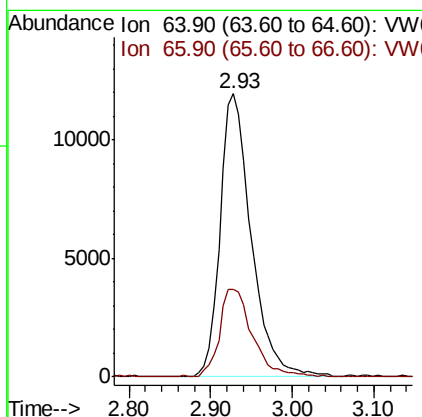
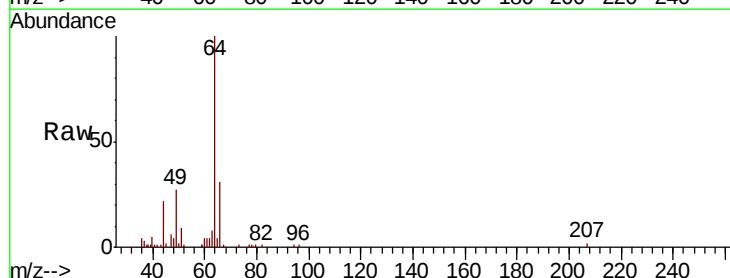
Acq: 21 Sep 2018 11:48

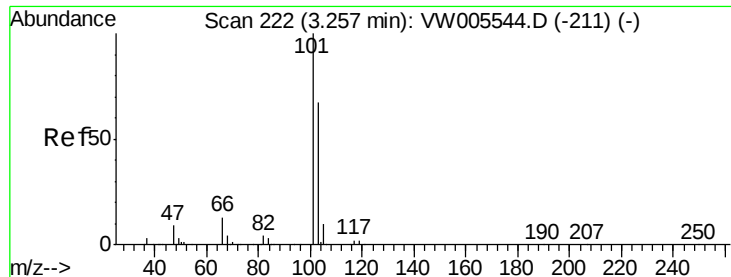
Tgt Ion: 64 Resp: 31606

Ion Ratio Lower Upper

64 100

66 30.7 26.0 39.0





#7

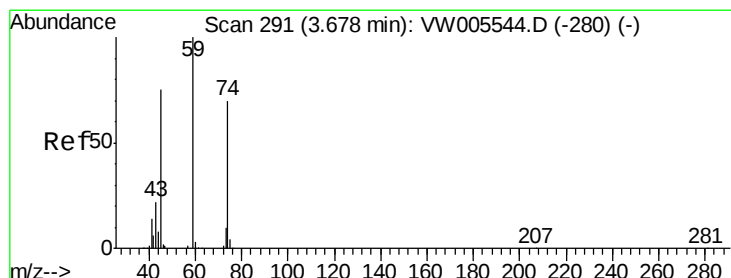
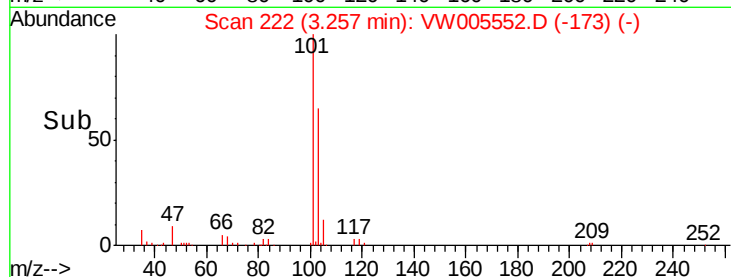
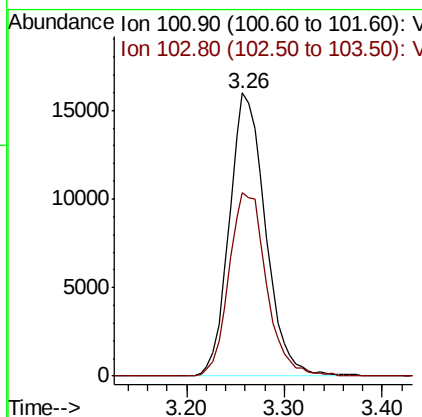
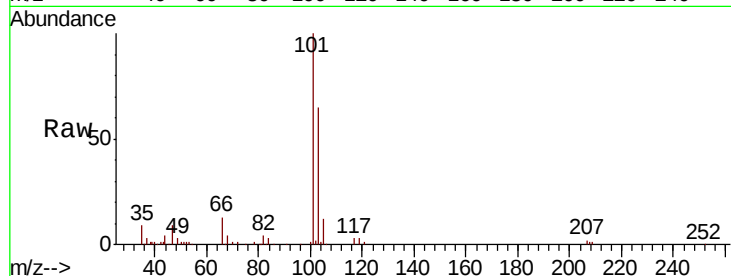
Trichlorofluoromethane
Concen: 22.007 ug/l
RT: 3.26 min Scan# 222
Delta R.T. -0.00 min
Lab File: VW005552.D
Acq: 21 Sep 2018 11:48

Instrument :
MSVOA_W
ClientSampleId :
VW0922SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.5	53.2	79.8

Manual Integrations
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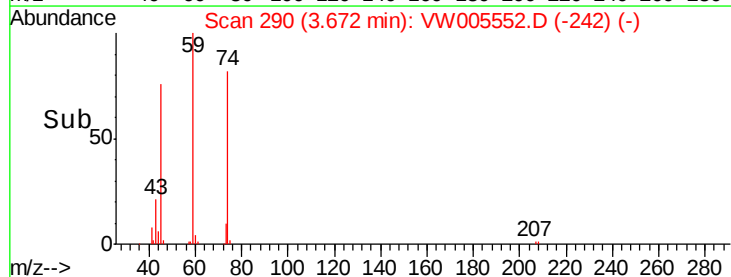
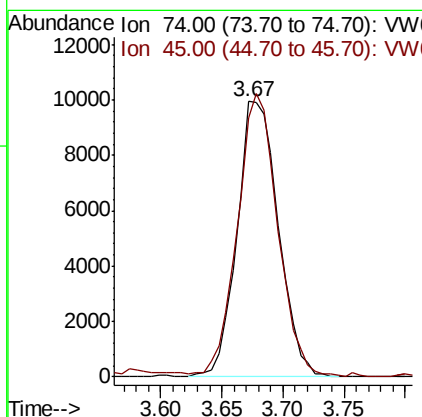
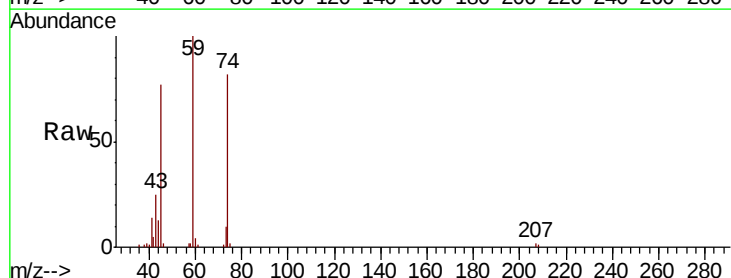
apatel
9/24/2018 9:35:33 AM

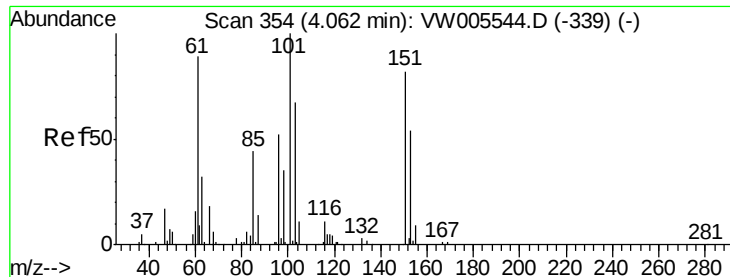


#8

Diethyl Ether
Concen: 19.159 ug/l
RT: 3.67 min Scan# 290
Delta R.T. -0.01 min
Lab File: VW005552.D
Acq: 21 Sep 2018 11:48

Tgt Ion	Ratio	Lower	Upper
74	100		
45	101.0	51.7	155.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.363 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.00 min

Lab File: VW005552.D

Acq: 21 Sep 2018 11:48

Instrument :

MSVOA_W

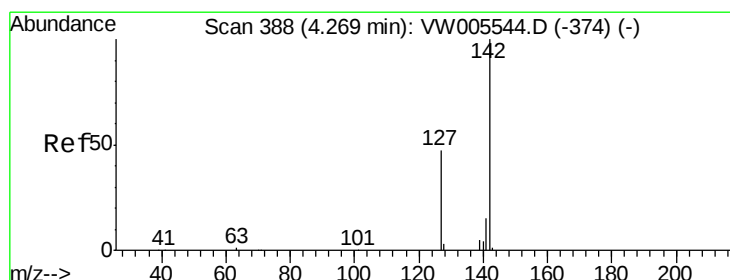
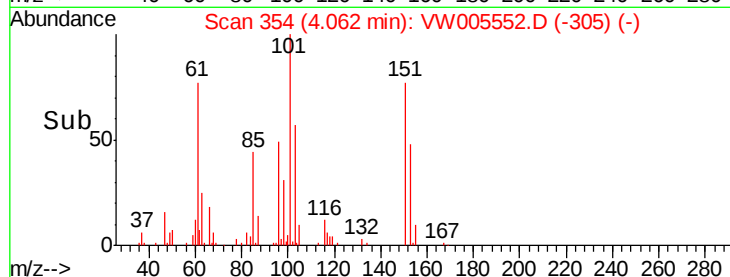
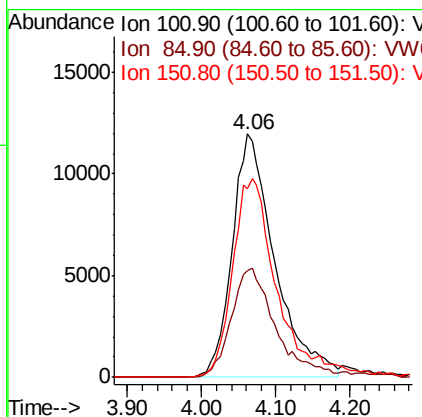
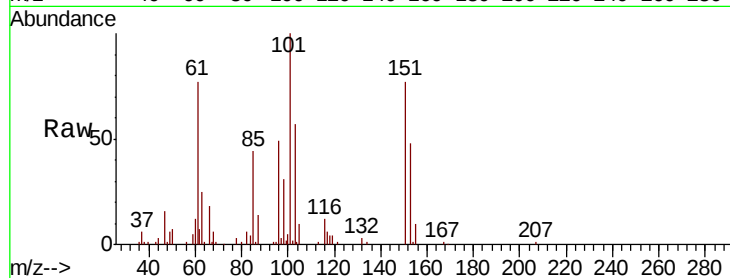
ClientSampleId :

VW0922SBS01

Tot Ion:	101	Resp:	47953
Ion Ratio	Lower	Upper	
101	100		
85	46.3	36.4	54.6
151	85.2	65.8	98.6

Manual Integrations
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#10

Methyl Iodide

Concen: 20.265 ug/l

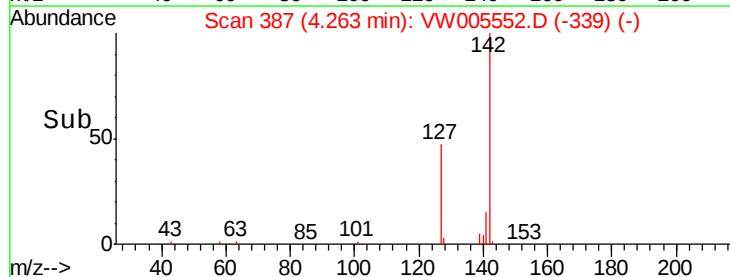
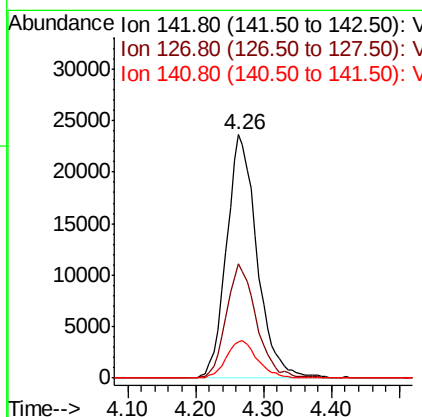
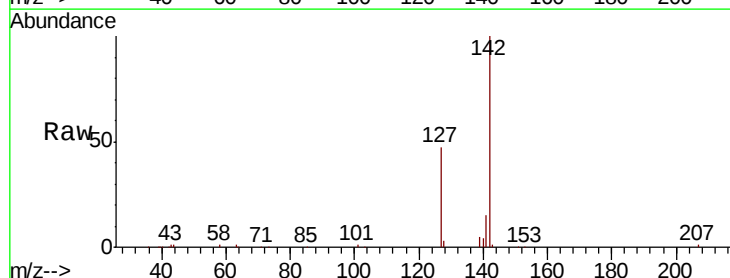
RT: 4.26 min Scan# 387

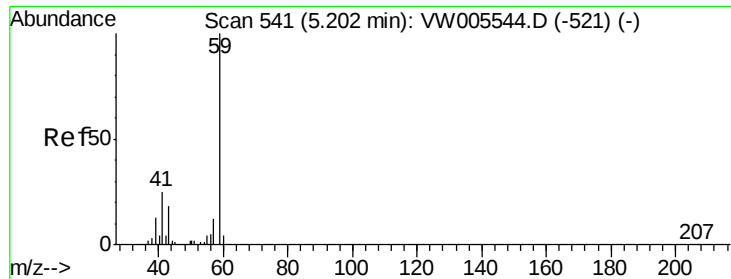
Delta R.T. -0.01 min

Lab File: VW005552.D

Acq: 21 Sep 2018 11:48

Tgt Ion:	142	Resp:	73390
Ion Ratio	Lower	Upper	
142	100		
127	46.4	37.4	56.0
141	15.5	11.9	17.9





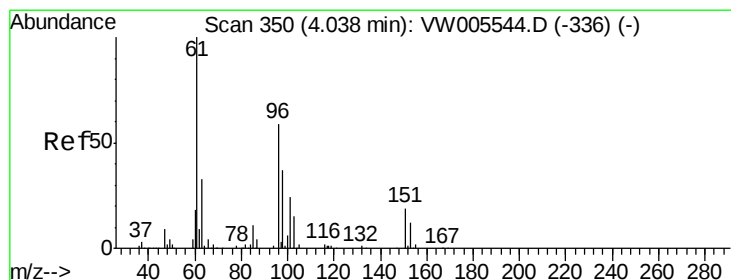
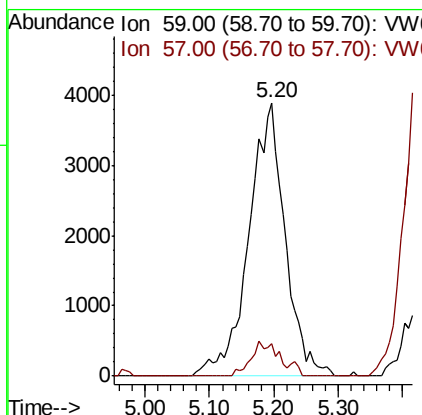
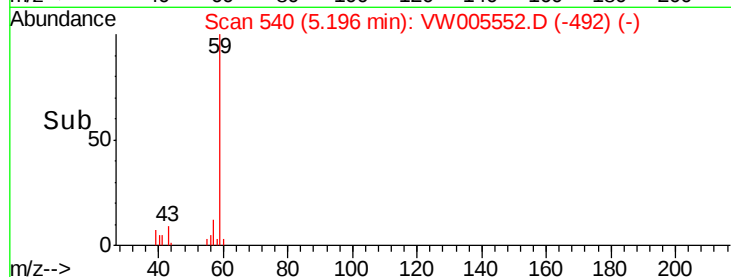
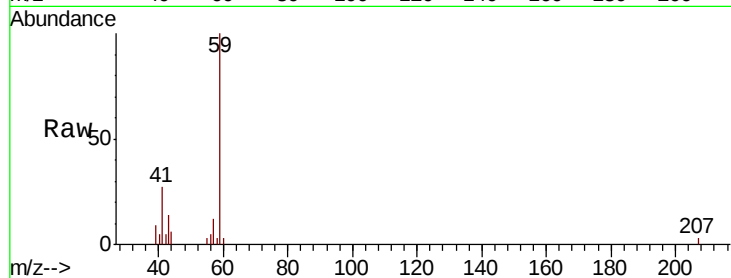
#11
Tert butyl alcohol
Concen: 99.047 ug/l
RT: 5.20 min Scan# 540
Delta R.T. -0.01 min
Lab File: VW005552.D
Acq: 21 Sep 2018 11:48

Instrument :
MSVOA_W
ClientSampleId :
VW0922SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.0	8.3	12.5

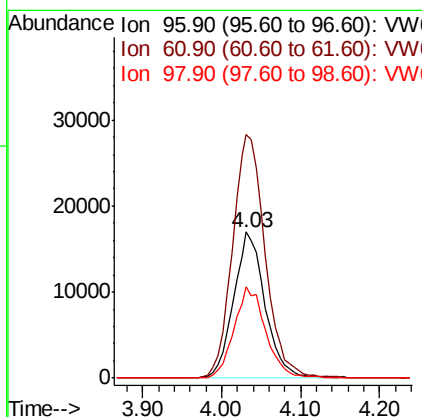
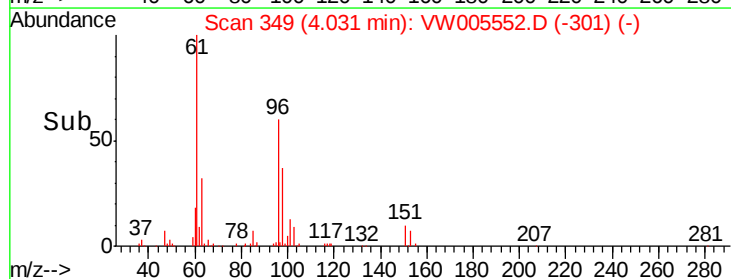
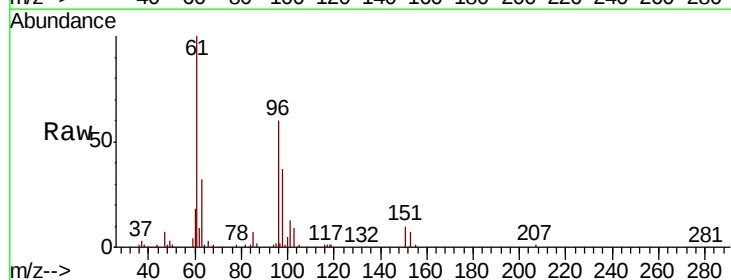
Manual Integrations
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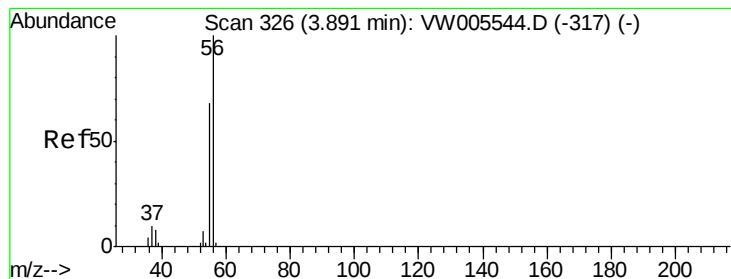
apatel
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#12
1,1-Dichloroethene
Concen: 20.862 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW005552.D
Acq: 21 Sep 2018 11:48

Tgt Ion	Ratio	Lower	Upper
96	100		
61	166.9	135.0	202.6
98	62.2	50.6	76.0





#13

Acrolein

Concen: 117.543 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW005552.D

Acq: 21 Sep 2018 11:48

Instrument :

MSVOA_W

ClientSampleId :

VW0922SBS01

Tot Ion: 56 Resp: 12885

Ion Ratio Lower Upper

56 100

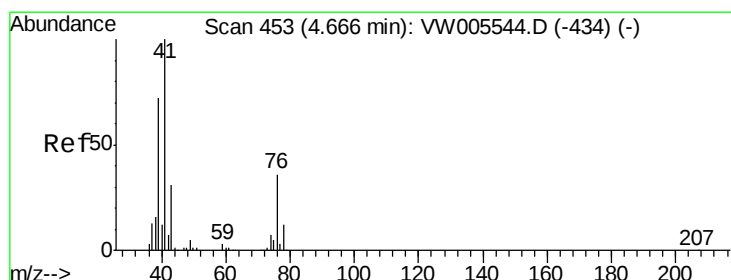
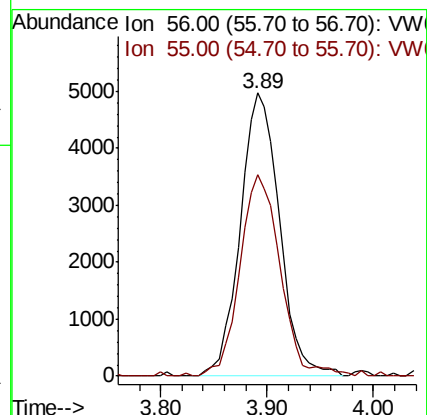
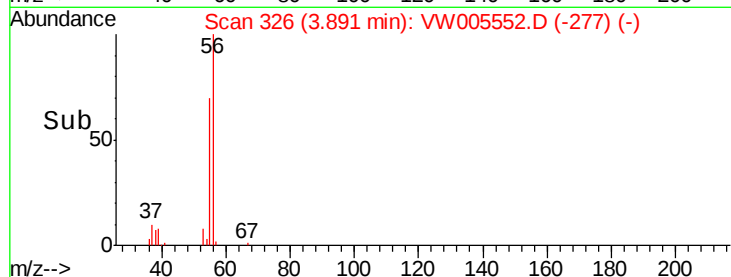
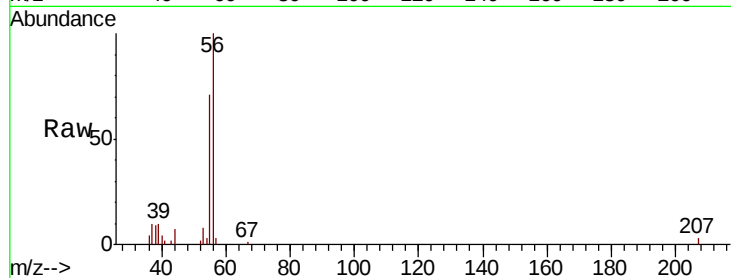
55 73.0 57.8 86.8

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#14

Allyl chloride

Concen: 20.047 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW005552.D

Acq: 21 Sep 2018 11:48

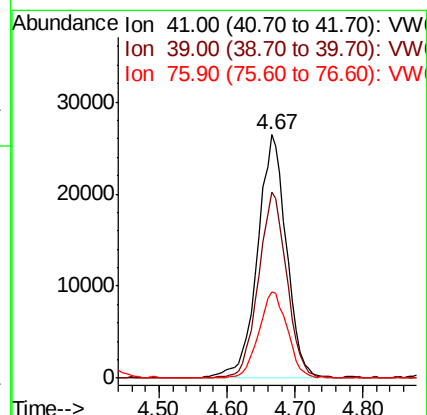
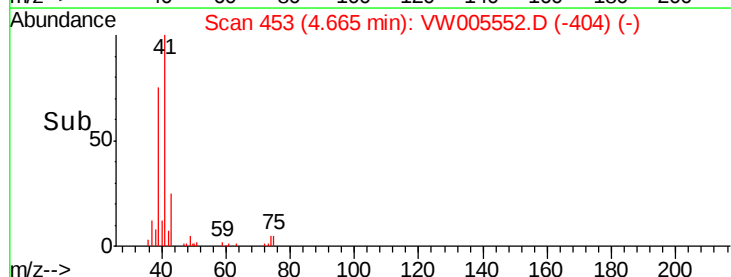
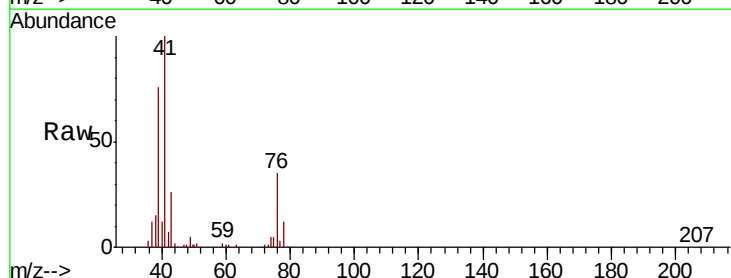
Tgt Ion: 41 Resp: 78875

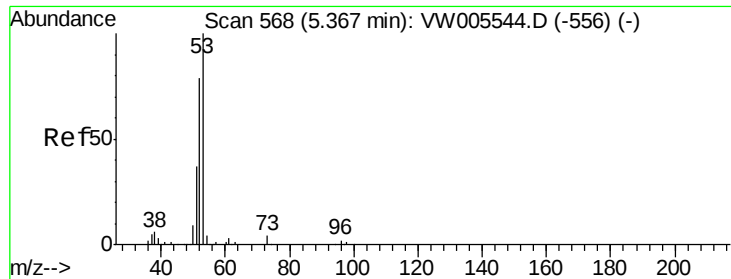
Ion Ratio Lower Upper

41 100

39 74.4 59.6 89.4

76 34.7 27.7 41.5





#15

Acrylonitrile

Concen: 90.936 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW005552.D

Acq: 21 Sep 2018 11:48

Instrument :

MSVOA_W

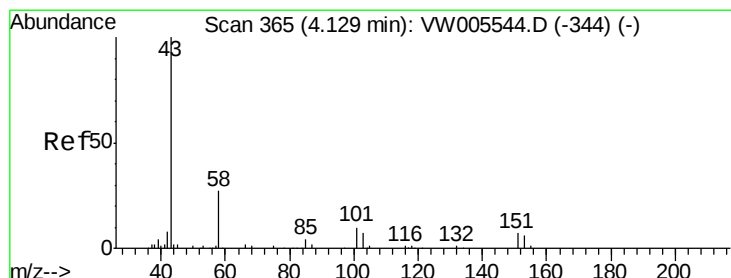
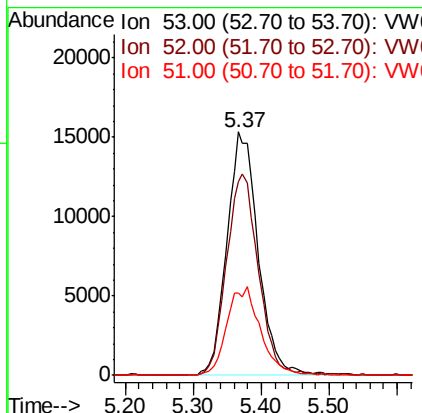
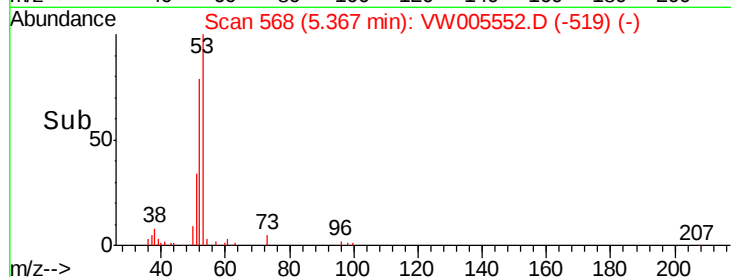
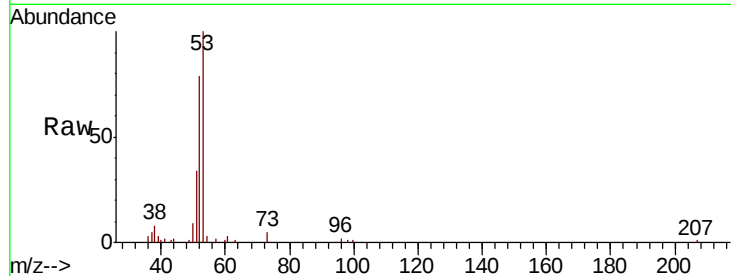
ClientSampleId :

VW0922SBS01

Tot Ion:	53	Resp:	49064
Ion Ratio	Lower	Upper	
53	100		
52	83.8	66.5	99.7
51	38.8	30.6	46.0

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#16

Acetone

Concen: 115.951 ug/l

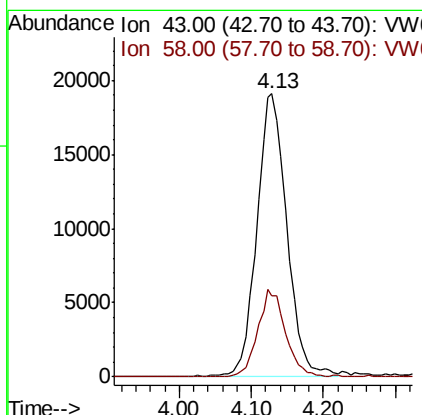
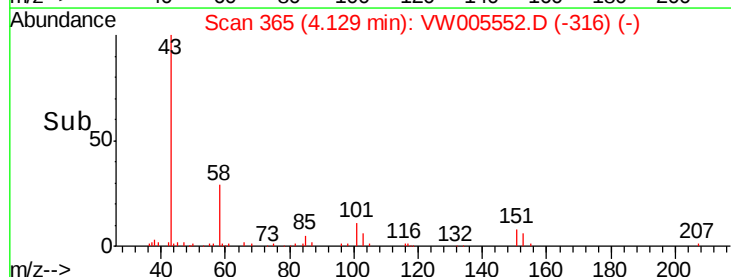
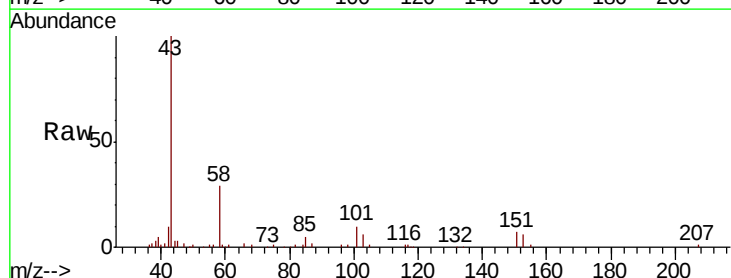
RT: 4.13 min Scan# 365

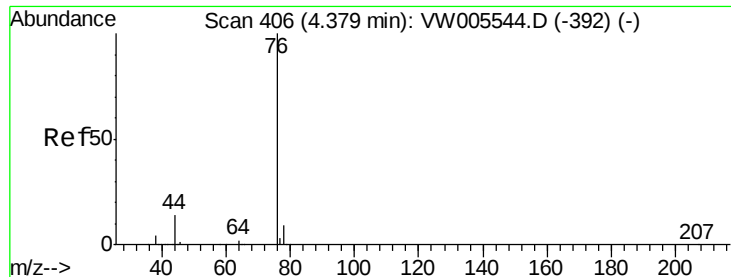
Delta R.T. -0.00 min

Lab File: VW005552.D

Acq: 21 Sep 2018 11:48

Tgt Ion:	43	Resp:	55477
Ion Ratio	Lower	Upper	
43	100		
58	28.7	21.8	32.8





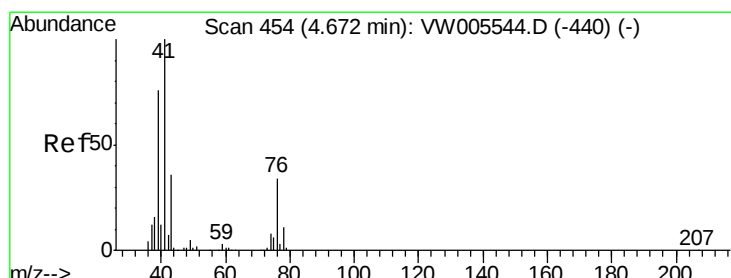
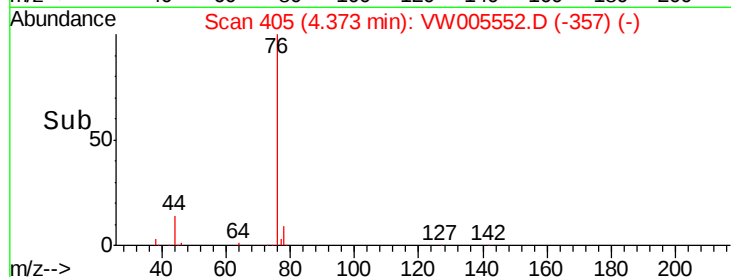
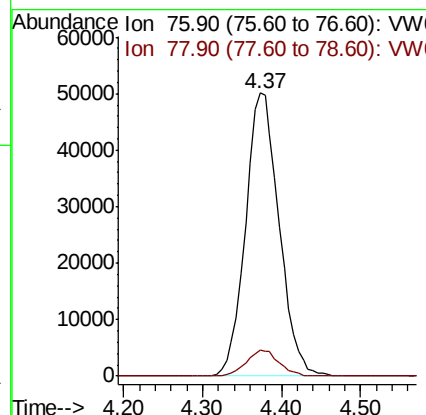
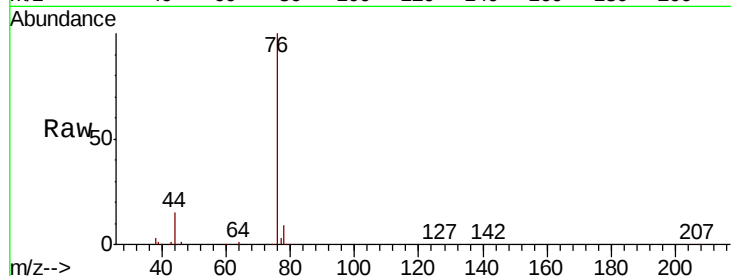
#17
Carbon Disulfide
Concen: 21.035 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW005552.D
Acq: 21 Sep 2018 11:48

Instrument :
MSVOA_W
ClientSampleId :
VW0922SBS01

Tot Ion	Ion	Ratio	Lower	Upper
76	100			
78	9.1	7.4	11.0	

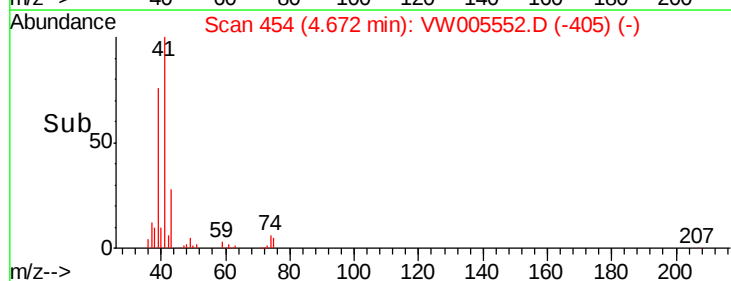
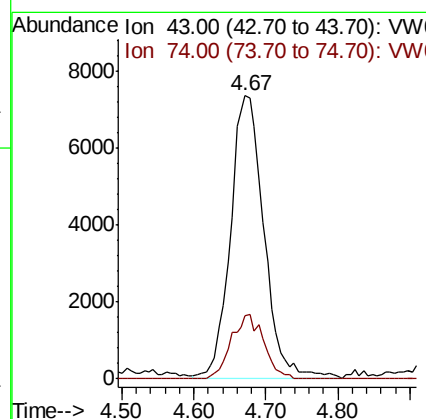
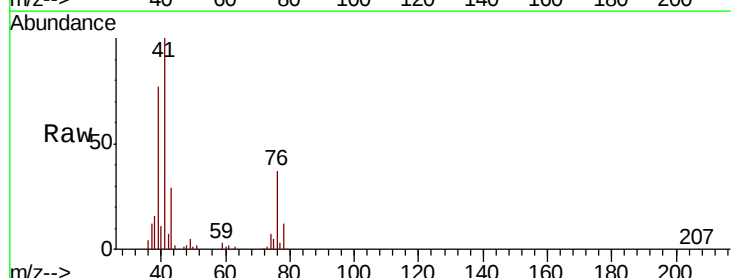
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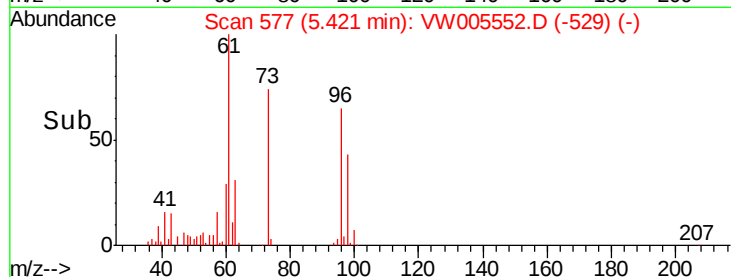
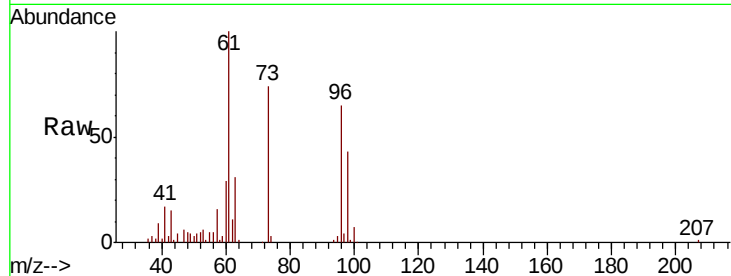
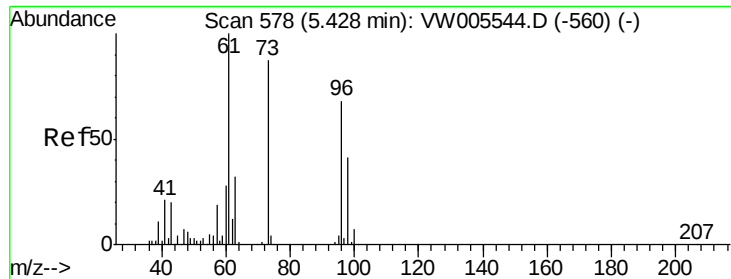
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#18
Methyl Acetate
Concen: 17.272 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.00 min
Lab File: VW005552.D
Acq: 21 Sep 2018 11:48

Tgt Ion	Ion	Ratio	Lower	Upper
43	100			
74	22.0	19.2	28.8	





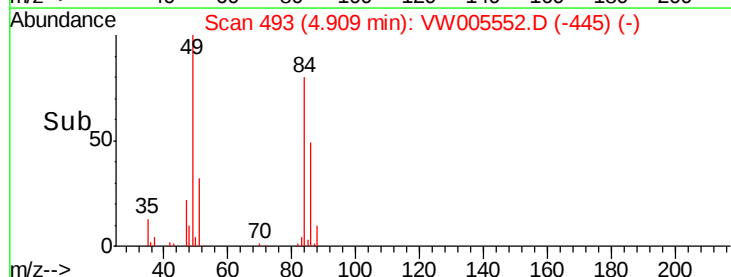
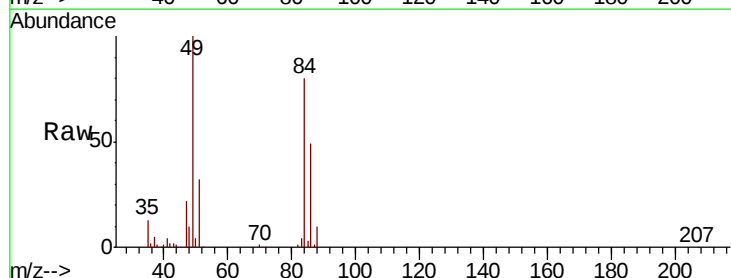
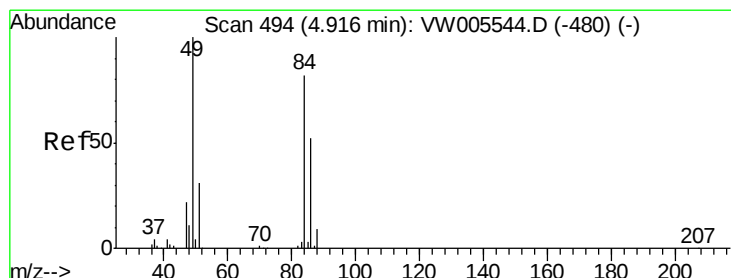
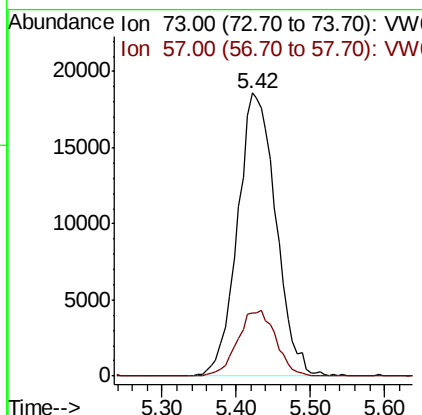
#19
Methyl tert-butyl Ether
Concen: 19.270 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW005552.D
Acq: 21 Sep 2018 11:48

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.1	17.6	26.4

Instrument :
MSVOA_W
ClientSampleId :
VW0922SBS01

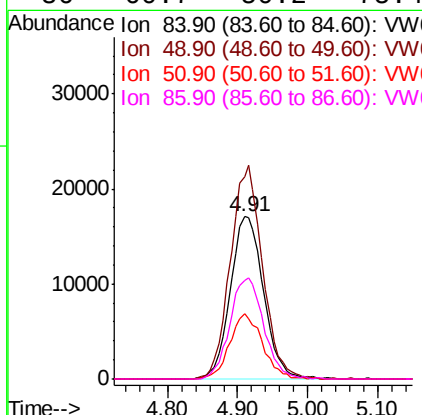
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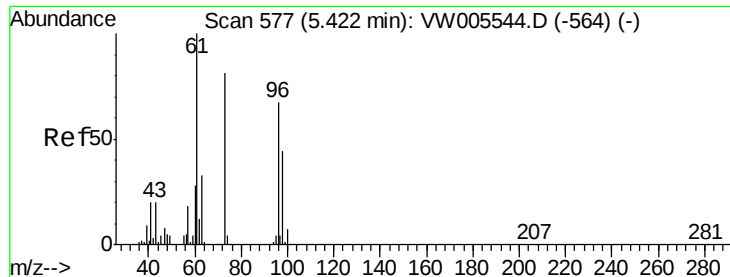
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#20
Methylene Chloride
Concen: 20.512 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW005552.D
Acq: 21 Sep 2018 11:48

Tgt Ion	Ratio	Lower	Upper
84	100		
49	124.5	97.0	145.6
51	39.9	30.2	45.2
86	60.7	50.2	75.4





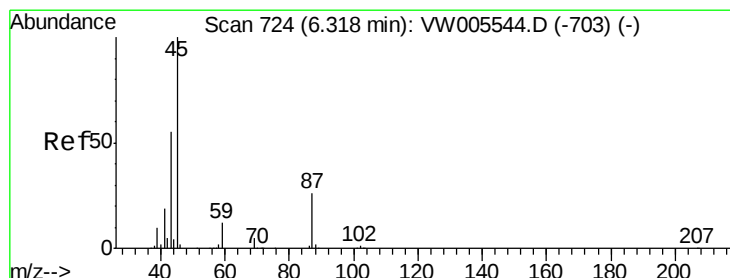
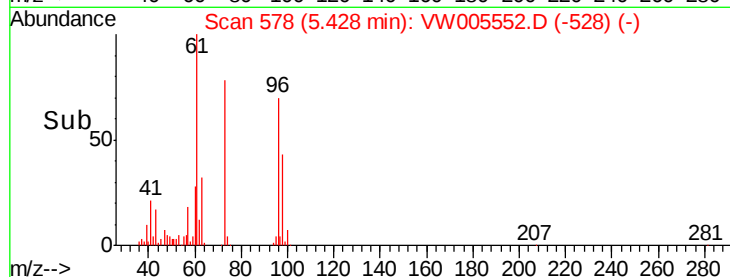
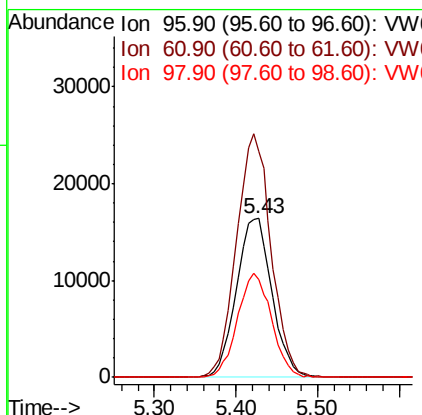
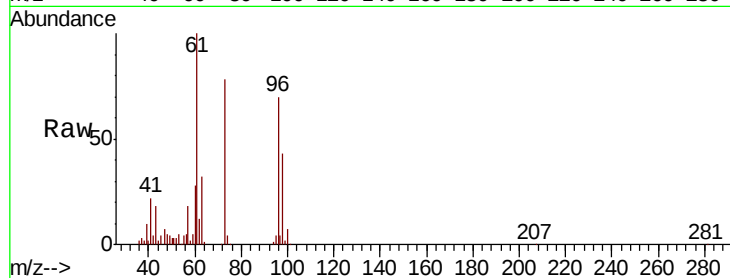
#21
trans-1,2-Dichloroethene
Concen: 20.078 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.01 min
Lab File: VW005552.D
Acq: 21 Sep 2018 11:48

Instrument :
MSVOA_W
ClientSampleId :
VW0922SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	142.0	118.9	178.3
98	61.3	52.1	78.1

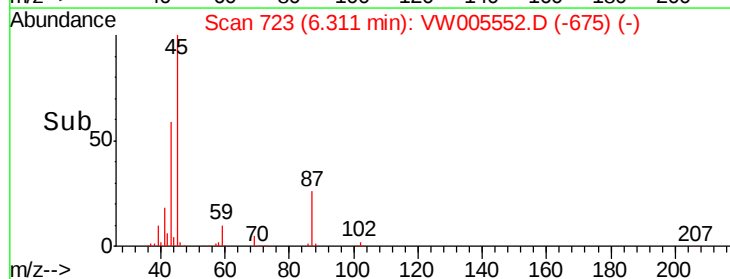
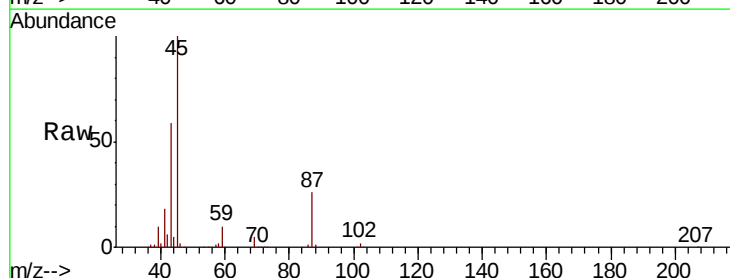
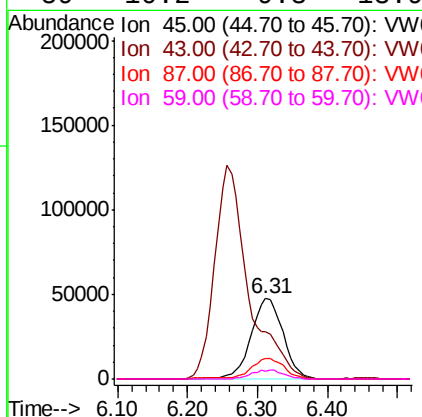
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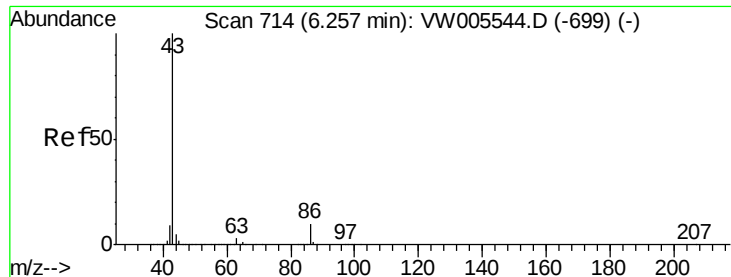
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#22
Diisopropyl ether
Concen: 19.887 ug/l
RT: 6.31 min Scan# 723
Delta R.T. -0.01 min
Lab File: VW005552.D
Acq: 21 Sep 2018 11:48

Tgt Ion	Ratio	Lower	Upper
45	100		
43	59.0	44.2	66.4
87	25.7	21.4	32.2
59	10.2	9.3	13.9





#23

Vinyl Acetate

Concen: 96.825 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.00 min

Lab File: VW005552.D

Acq: 21 Sep 2018 11:48

Instrument :

MSVOA_W

ClientSampleId :

VW0922SBS01

Tot Ion: 43 Resp: 422691

Ion Ratio Lower Upper

43 100

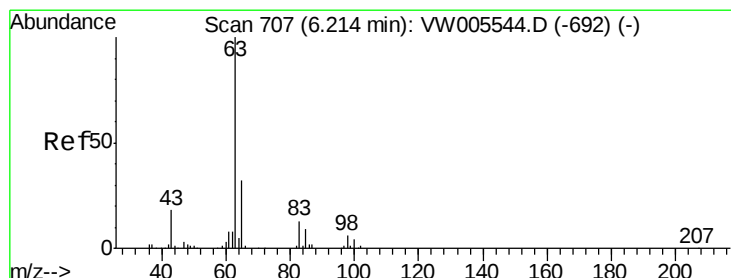
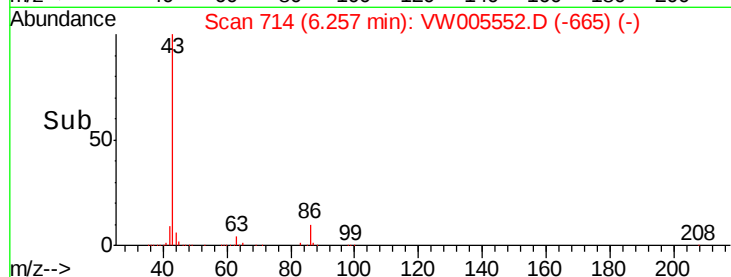
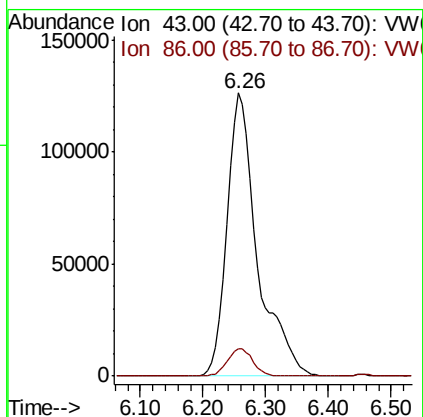
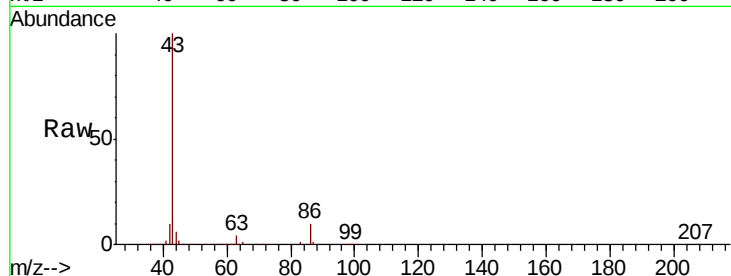
86 9.6 7.7 11.5

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#24

1,1-Dichloroethane

Concen: 19.957 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW005552.D

Acq: 21 Sep 2018 11:48

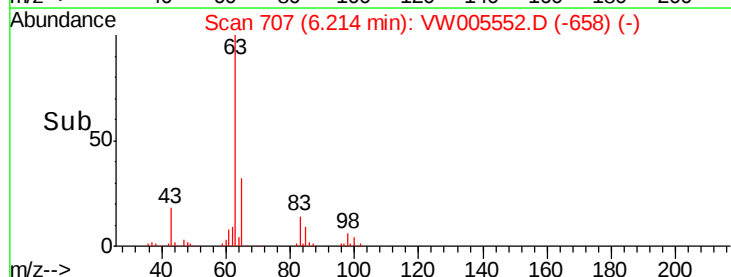
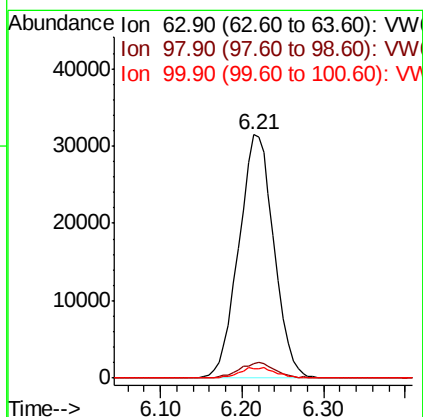
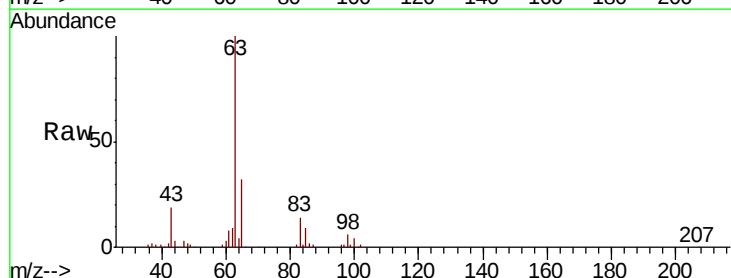
Tgt Ion: 63 Resp: 94177

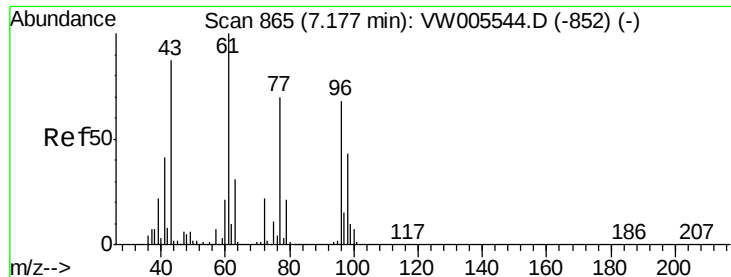
Ion Ratio Lower Upper

63 100

98 6.0 2.9 8.8

100 3.9 2.1 6.2





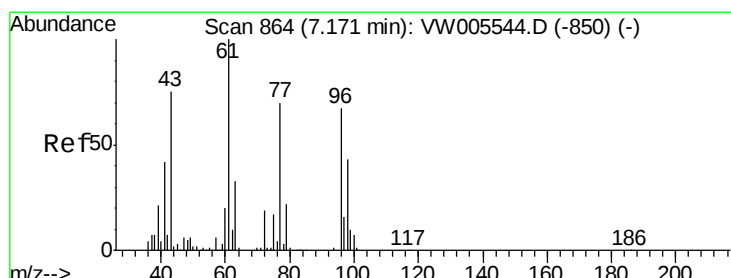
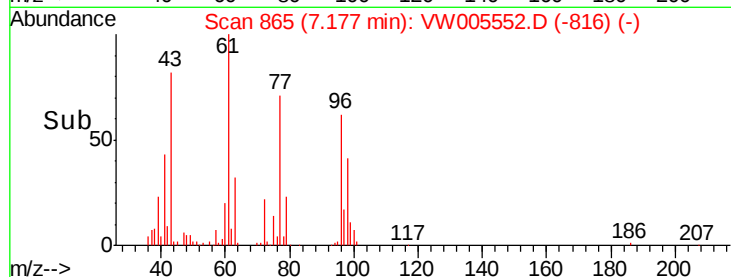
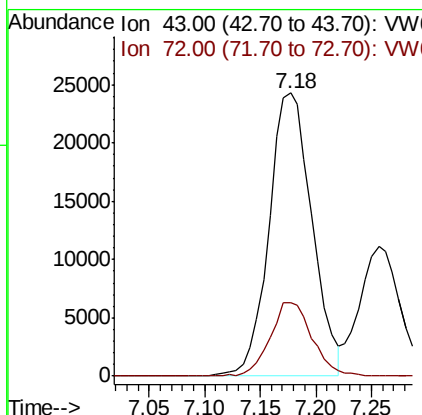
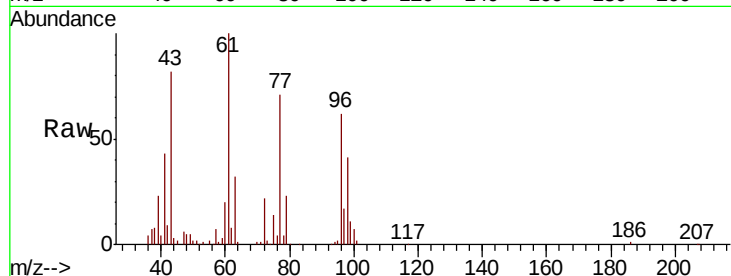
#25
2-Butanone
Concen: 91.944 ug/l
RT: 7.18 min Scan# 865
Delta R.T. -0.00 min
Lab File: VW005552.D
Acq: 21 Sep 2018 11:48

Instrument :
MSVOA_W
ClientSampled :
VW0922SBS01

Tot Ion: 43 Resp: 65121
Ion Ratio Lower Upper
43 100
72 26.1 19.9 29.9

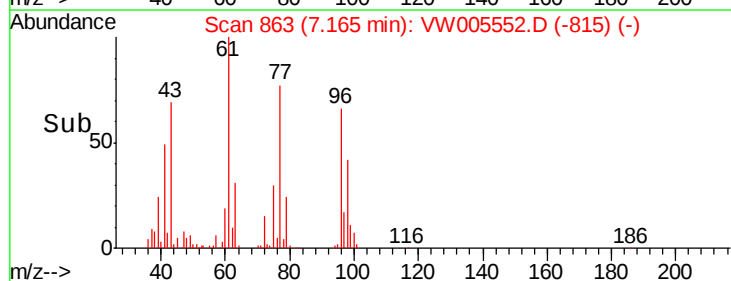
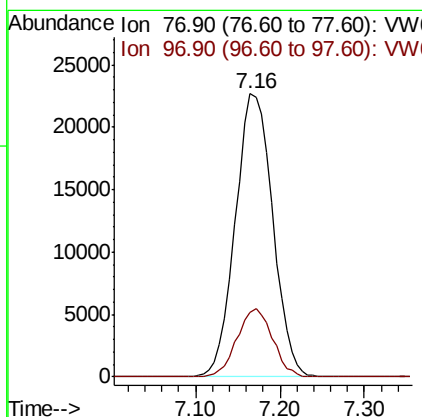
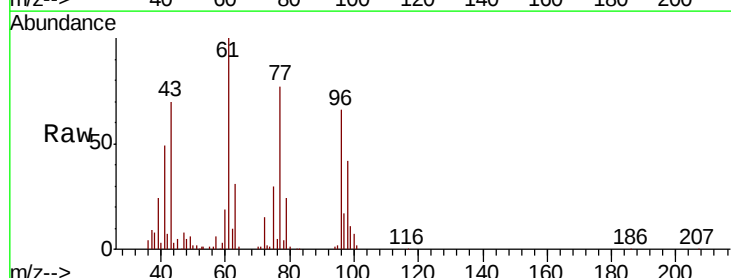
Manual Integrations
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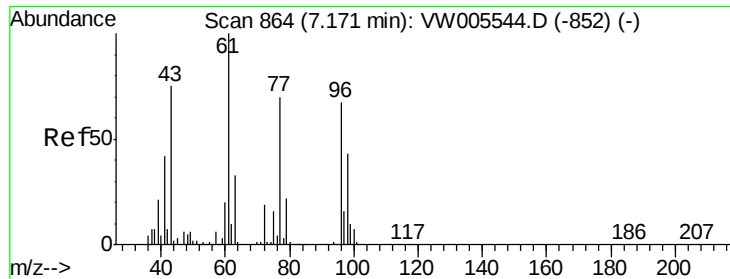
apatel
9/24/2018 9:35:33 AM



#26
2,2-Dichloropropane
Concen: 20.676 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW005552.D
Acq: 21 Sep 2018 11:48

Tgt Ion: 77 Resp: 68114
Ion Ratio Lower Upper
77 100
97 22.7 11.0 33.0





#27

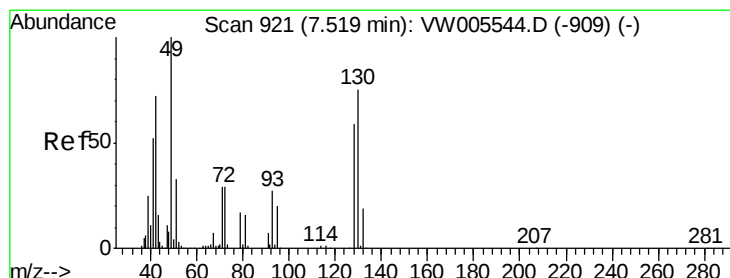
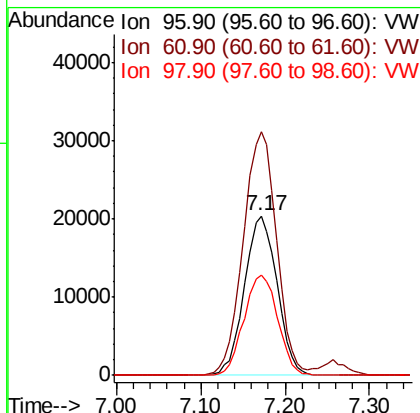
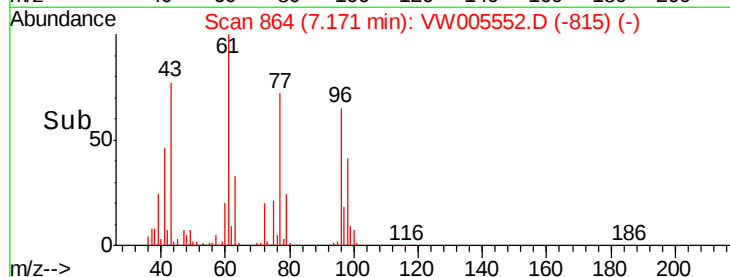
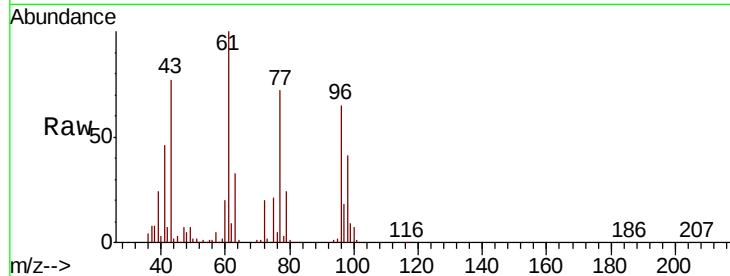
cis-1,2-Dichloroethene
Concen: 19.666 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW005552.D
Acq: 21 Sep 2018 11:48

Instrument :
MSVOA_W
ClientSampleId :
VW0922SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	155.5	0.0	303.4
98	64.8	0.0	127.2

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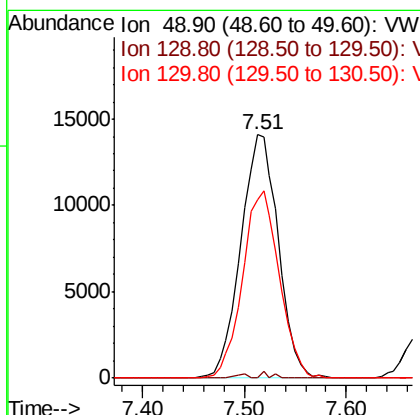
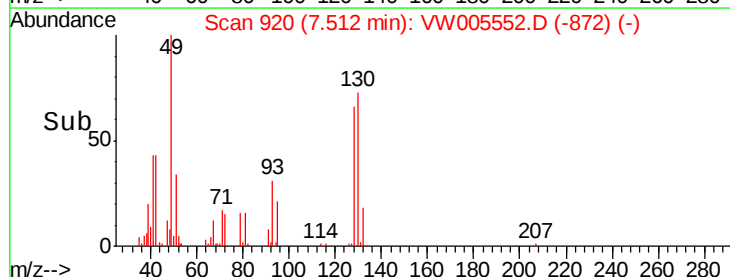
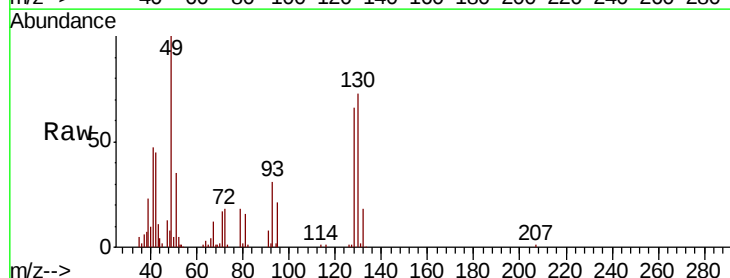
apatel
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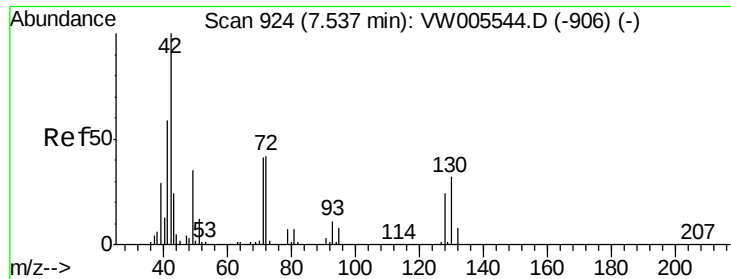


#28

Bromochloromethane
Concen: 19.230 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.01 min
Lab File: VW005552.D
Acq: 21 Sep 2018 11:48

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.7	0.0	1.4
130	75.8	61.3	91.9





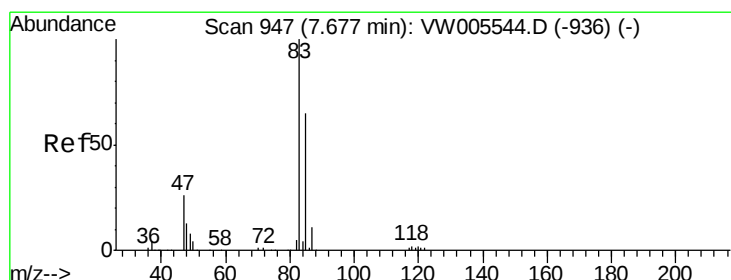
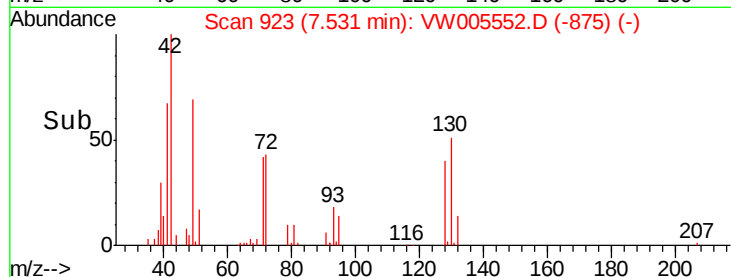
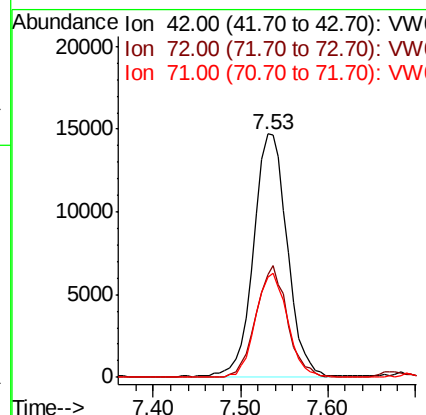
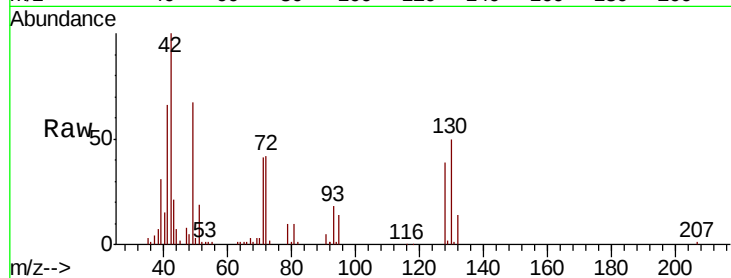
#29
Tetrahydrofuran
Concen: 89.703 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.01 min
Lab File: VW005552.D
Acq: 21 Sep 2018 11:48

Instrument :
MSVOA_W
ClientSampleId :
VW0922SBS01

Tot Ion:	42	Resp:	39692
Ion	Ratio	Lower	Upper
42	100		
72	42.3	33.6	50.4
71	40.5	31.8	47.6

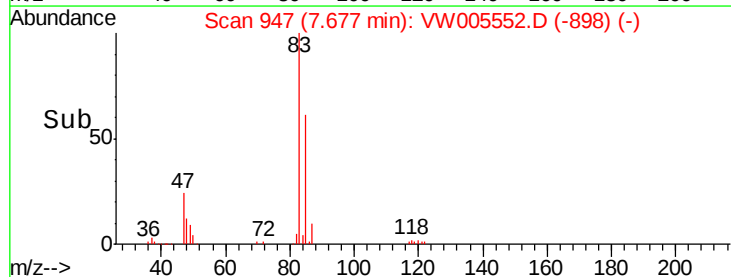
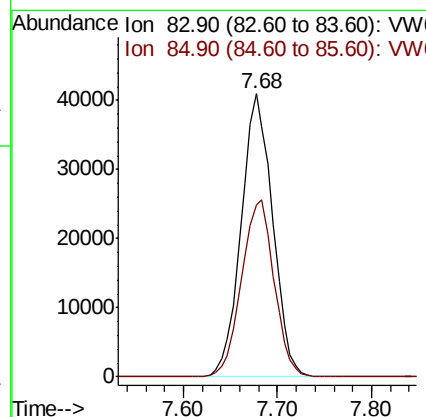
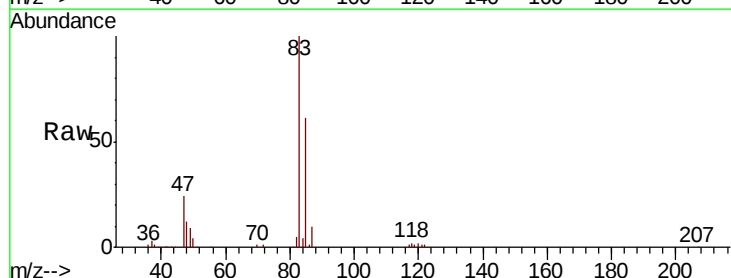
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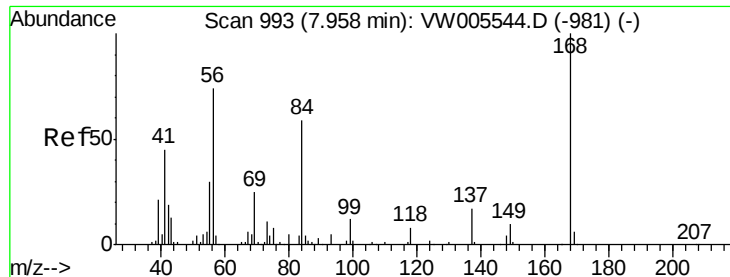
apatel
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#30
Chloroform
Concen: 19.528 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW005552.D
Acq: 21 Sep 2018 11:48

Tgt Ion:	83	Resp:	95138
Ion	Ratio	Lower	Upper
83	100		
85	60.8	51.8	77.6





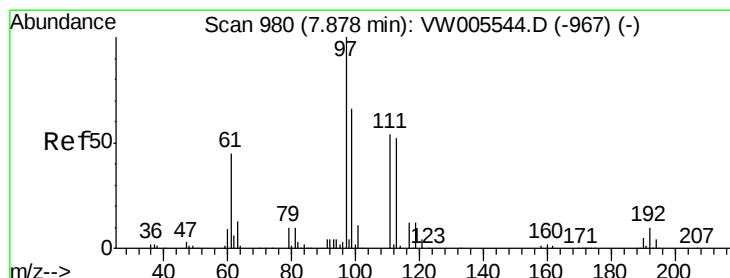
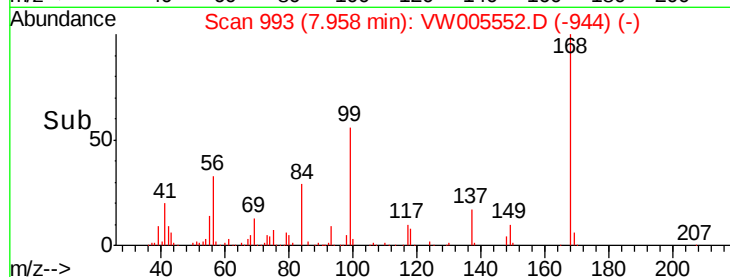
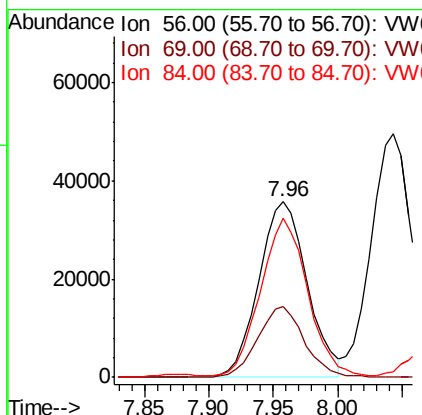
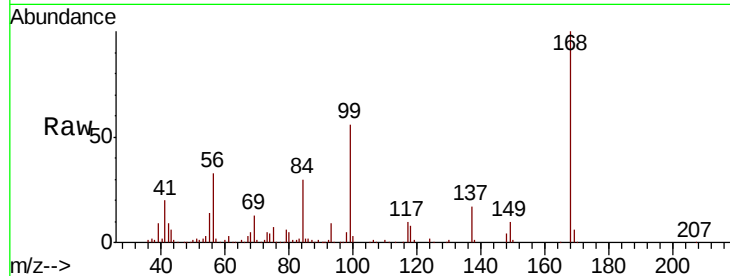
#31
Cyclohexane
Concen: 20.603 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW005552.D
Acq: 21 Sep 2018 11:48

Instrument :
MSVOA_W
ClientSampleId :
VW0922SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	40.0	27.0	40.4
84	89.1	64.2	96.4

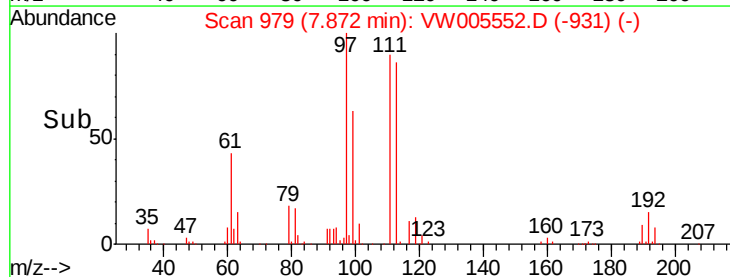
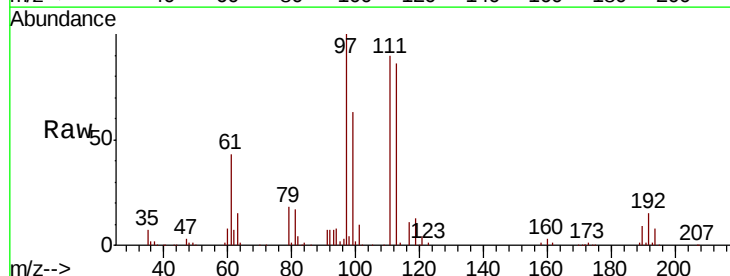
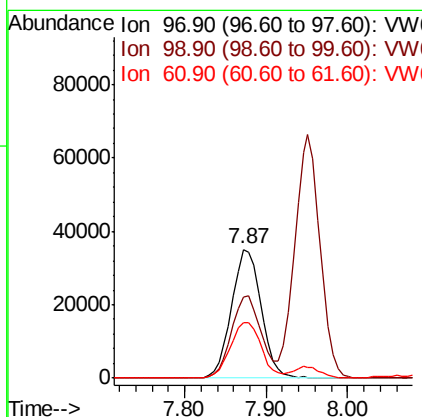
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#32
1,1,1-Trichloroethane
Concen: 20.480 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.01 min
Lab File: VW005552.D
Acq: 21 Sep 2018 11:48

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.1	51.0	76.6
61	44.9	36.2	54.2





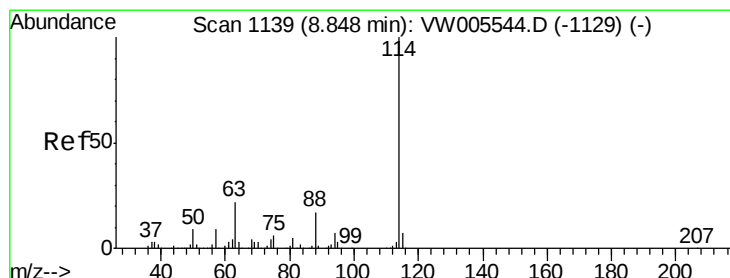
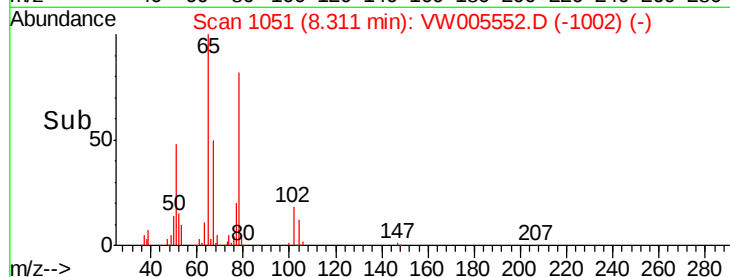
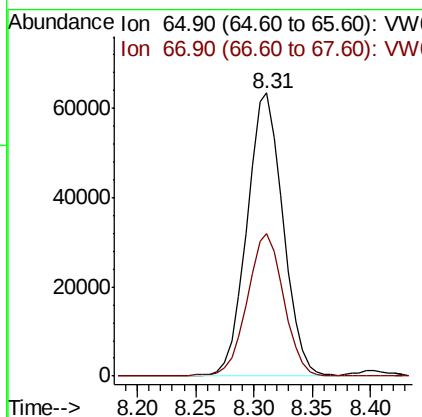
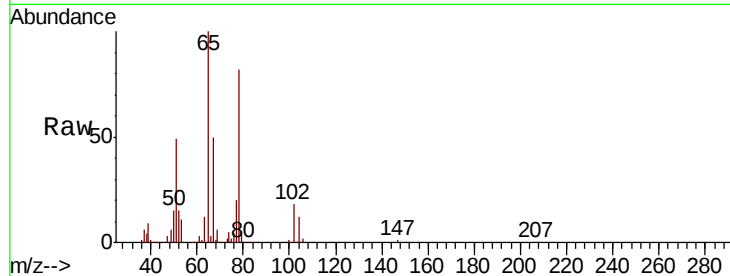
#33
 1,2-Dichloroethane-d4
 Concen: 46.912 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005552.D
 Acq: 21 Sep 2018 11:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0922SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	51.0	0.0	100.6	

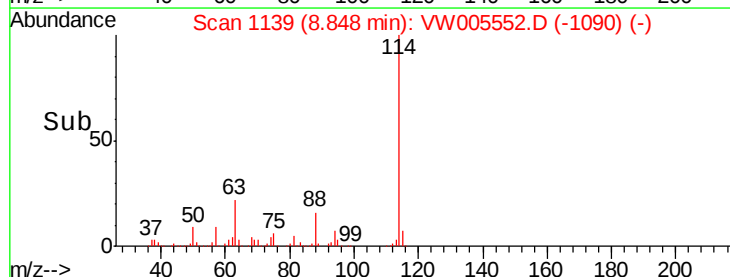
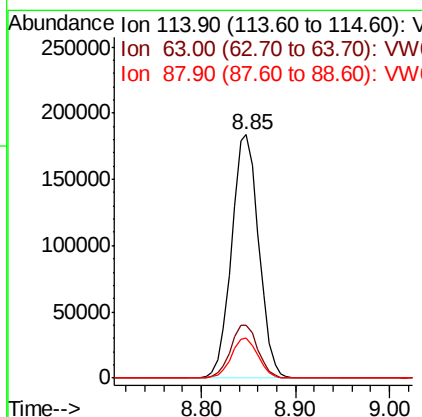
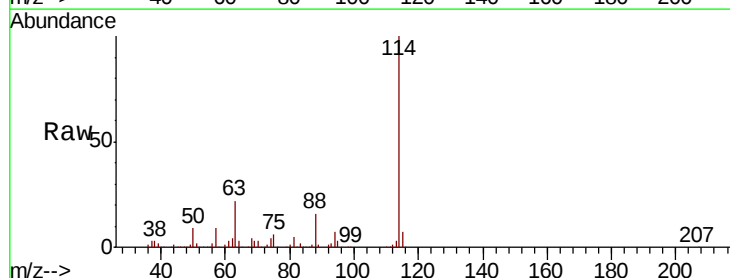
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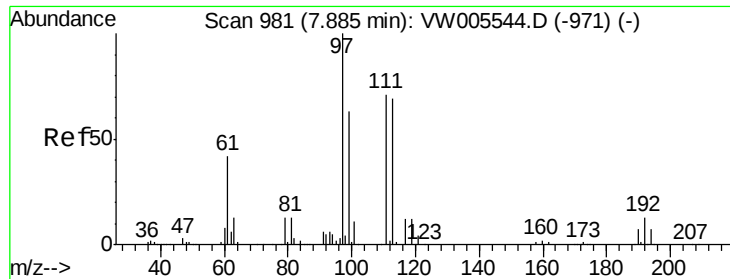
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005552.D
 Acq: 21 Sep 2018 11:48

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	22.0	0.0	43.0	
88	16.3	0.0	33.0	





#35

Dibromofluoromethane

Concen: 50.128 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.01 min

Lab File: VW005552.D

Acq: 21 Sep 2018 11:48

Instrument :

MSVOA_W

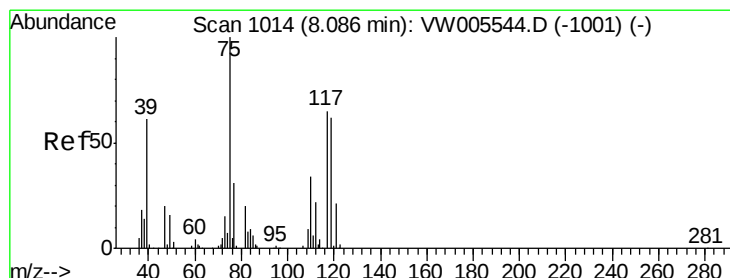
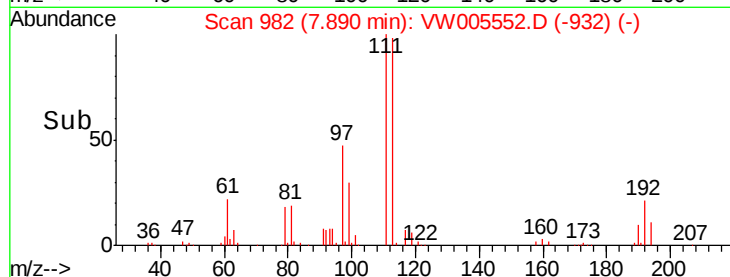
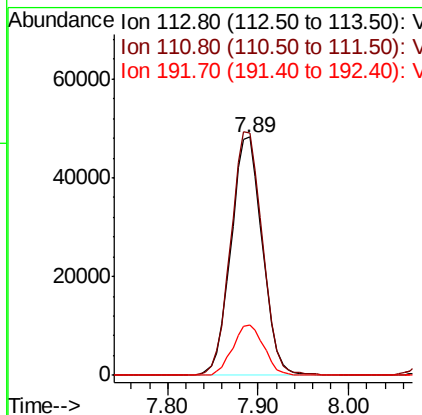
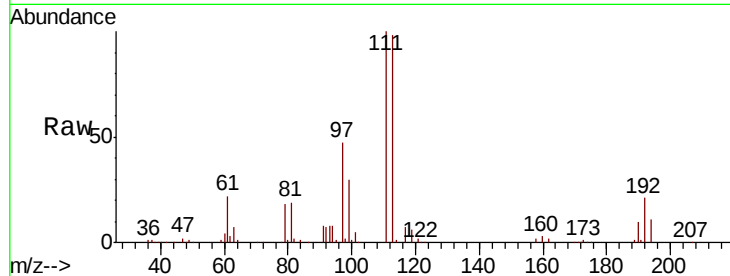
ClientSampleId :

VW0922SBS01

Tot Ion:	113	Resp:	115307
Ion Ratio	Lower	Upper	
113	100		
111	103.0	82.6	123.8
192	21.0	17.0	25.4

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 21.428 ug/l

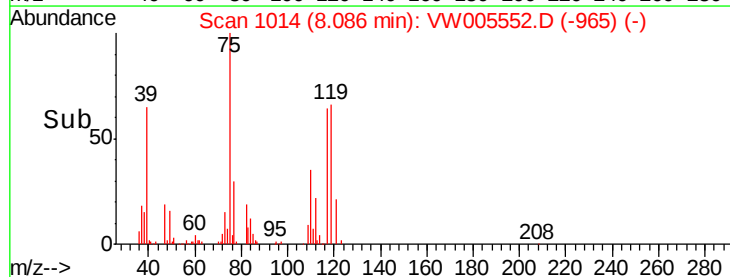
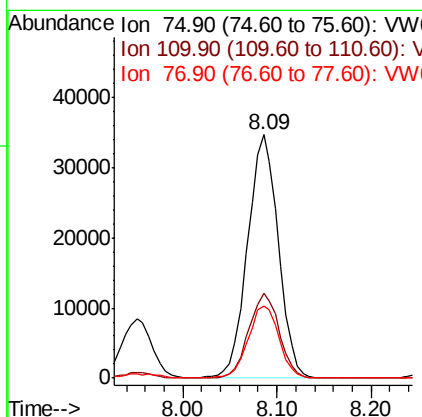
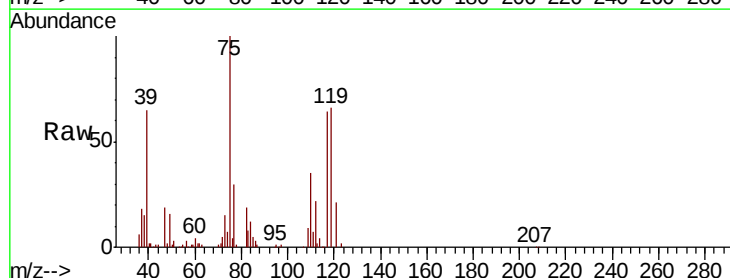
RT: 8.09 min Scan# 1014

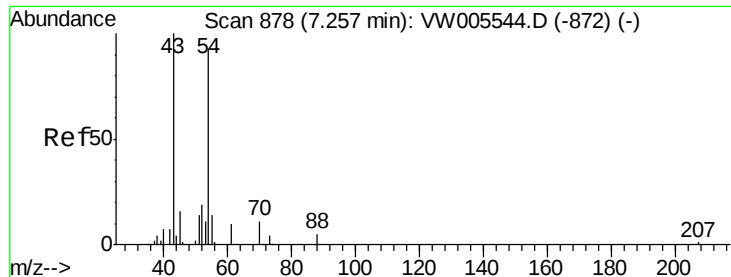
Delta R.T. -0.00 min

Lab File: VW005552.D

Acq: 21 Sep 2018 11:48

Tgt Ion:	75	Resp:	78902
Ion Ratio	Lower	Upper	
75	100		
110	34.5	17.0	50.9
77	29.9	24.8	37.2





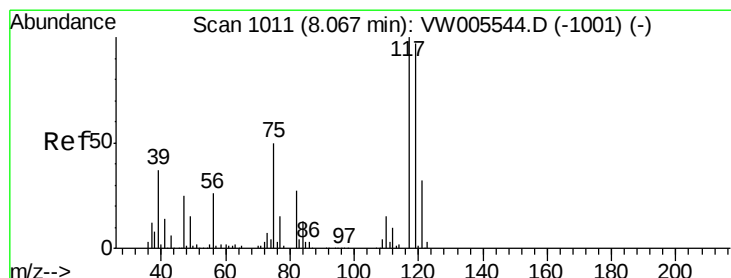
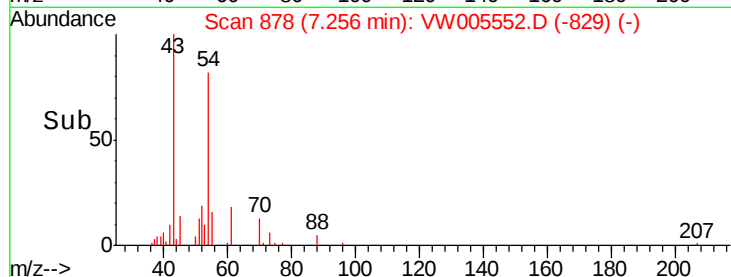
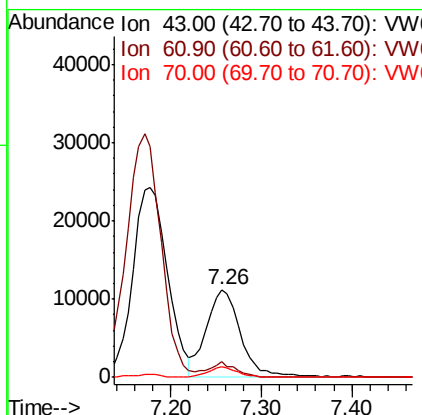
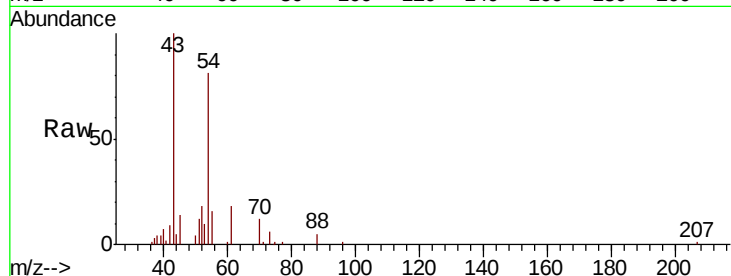
#37
Ethyl Acetate
Concen: 18.888 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.00 min
Lab File: VW005552.D
Acq: 21 Sep 2018 11:48

Instrument :
MSVOA_W
ClientSampleId :
VW0922SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.3	10.4	15.6
70	10.7	8.2	12.2

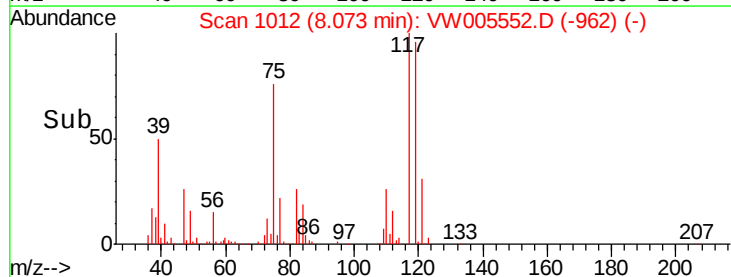
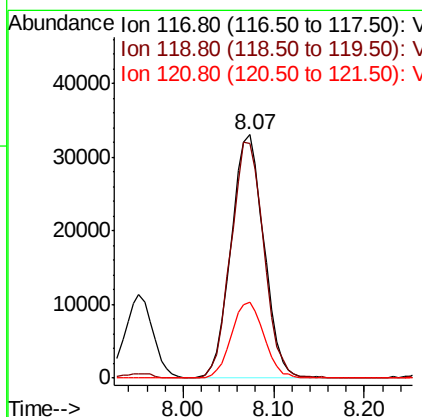
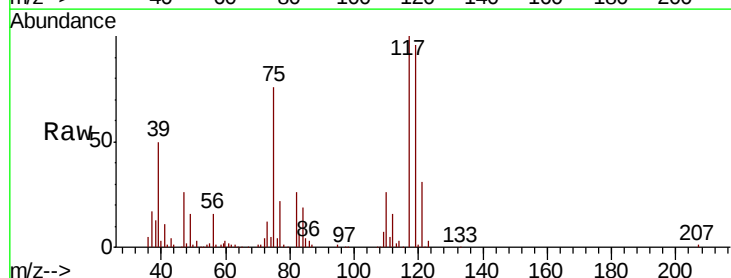
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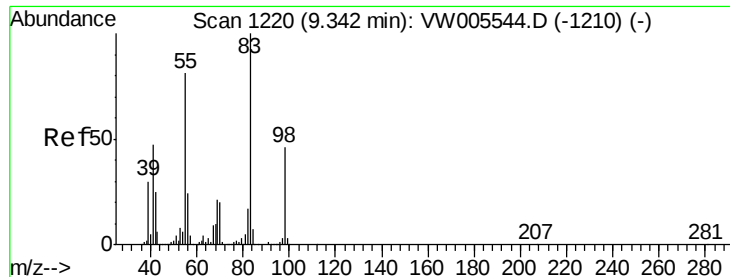
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#38
Carbon Tetrachloride
Concen: 21.034 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.01 min
Lab File: VW005552.D
Acq: 21 Sep 2018 11:48

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.1	77.6	116.4
121	31.3	25.7	38.5





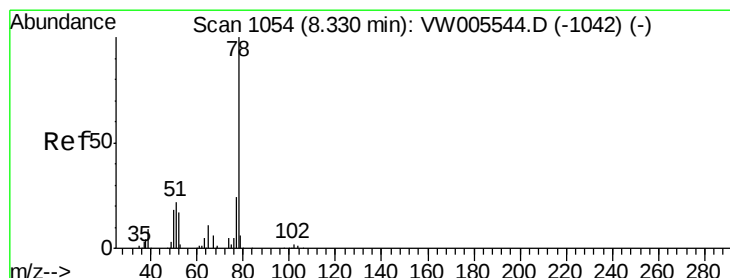
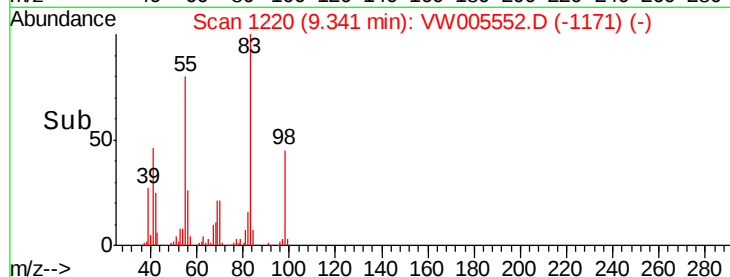
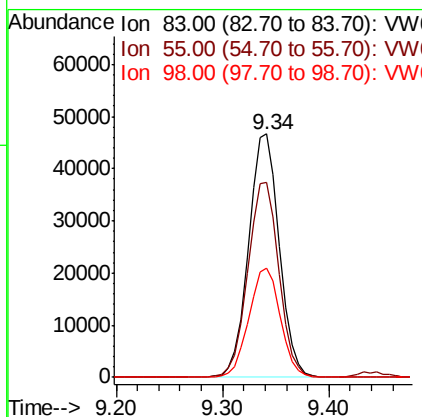
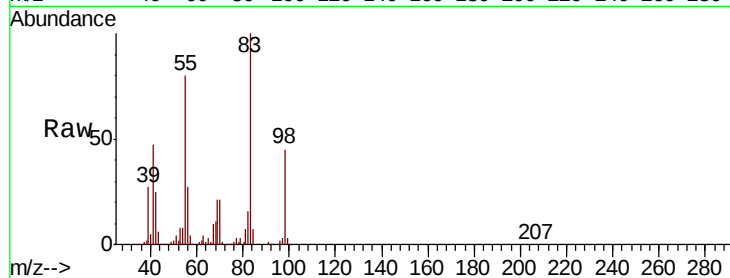
#39
Methvlcvclohexane
Concen: 21.749 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. -0.00 min
Lab File: VW005552.D
Acq: 21 Sep 2018 11:48

Instrument :
MSVOA_W
ClientSampleId :
VW0922SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.9	64.6	97.0
98	44.9	37.0	55.6

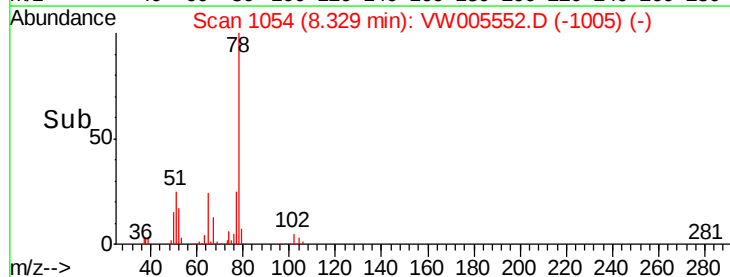
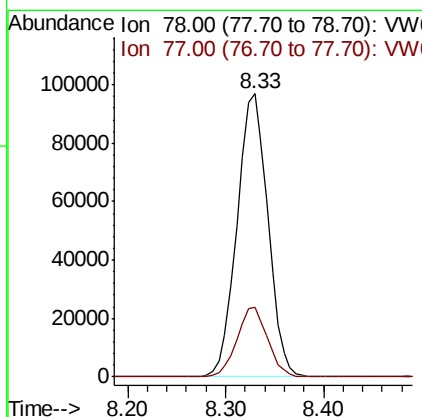
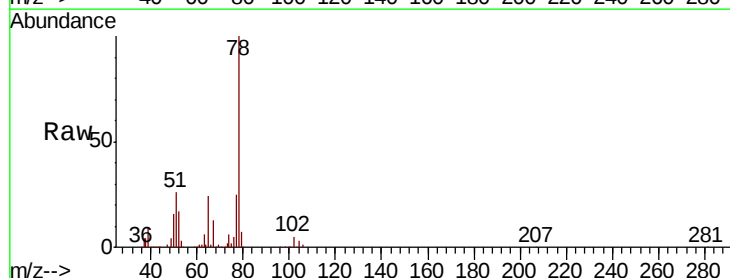
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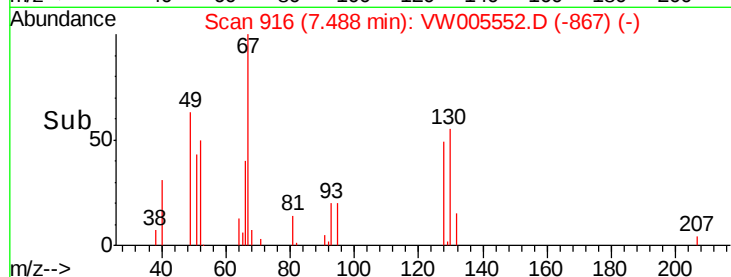
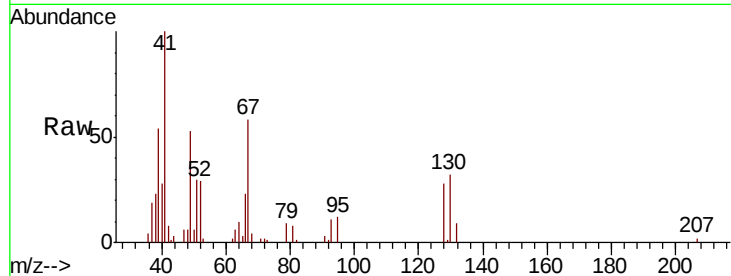
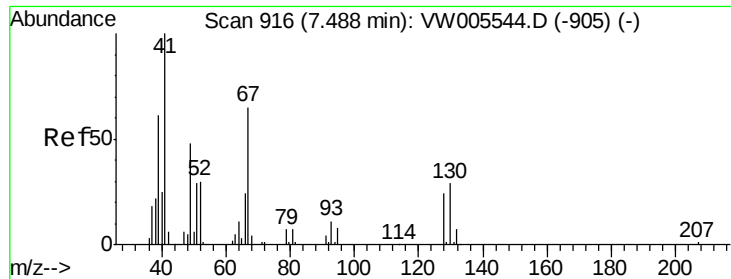
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#40
Benzene
Concen: 20.372 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW005552.D
Acq: 21 Sep 2018 11:48

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.7	19.0	28.4





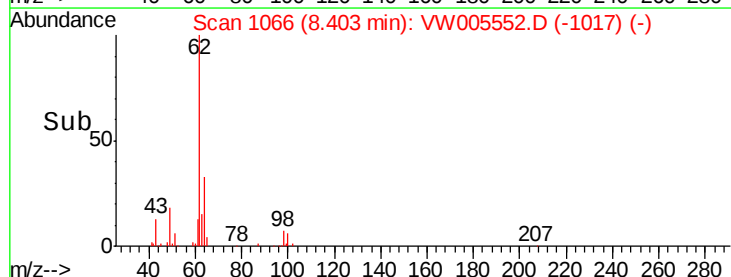
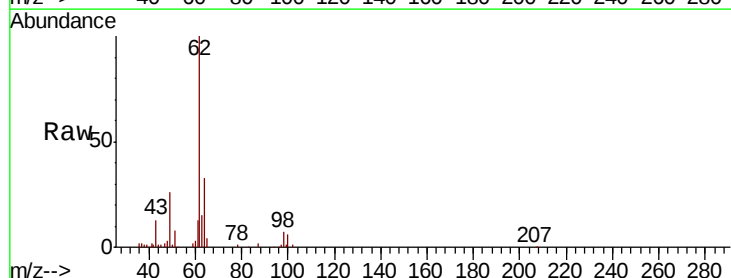
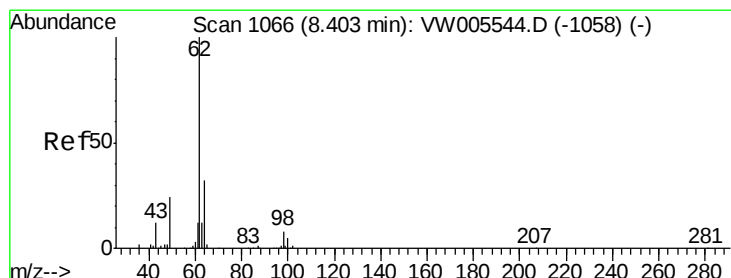
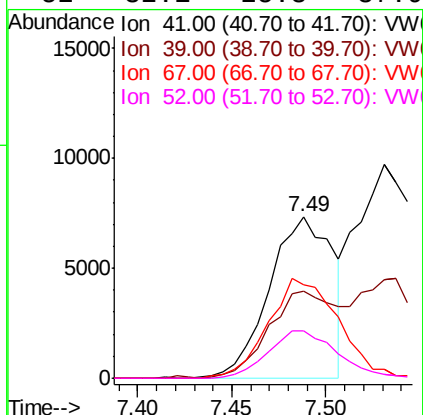
#41
Methacrylonitrile
Concen: 19.558 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.00 min
Lab File: VW005552.D
Acq: 21 Sep 2018 11:48

Tot Ion	41	Resp	17246
Ion Ratio	Lower	Upper	
41	100		
39	55.4	45.4	68.2
67	68.3	55.2	82.8
52	32.1	25.3	37.9

Instrument :
MSVOA_W
ClientSampleId :
VW0922SBS01

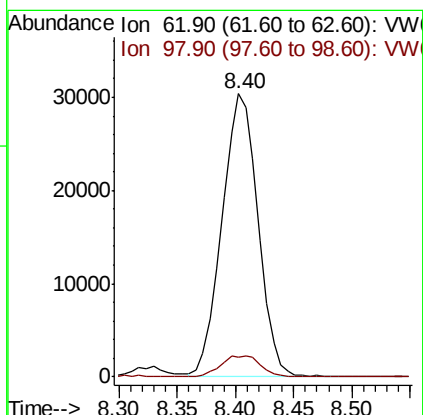
Manual Integrations
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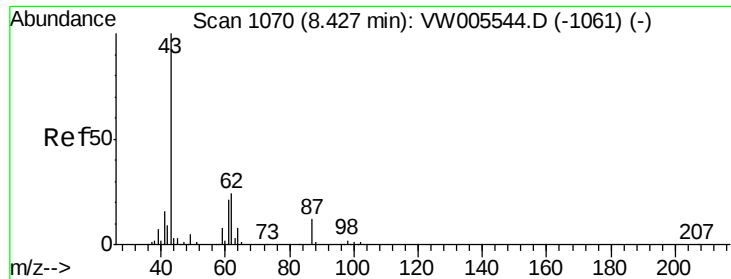
apatel
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#42
1,2-Dichloroethane
Concen: 19.488 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW005552.D
Acq: 21 Sep 2018 11:48

Tgt Ion	62	Resp	65094
Ion Ratio	Lower	Upper	
62	100		
98	8.0	0.0	15.6





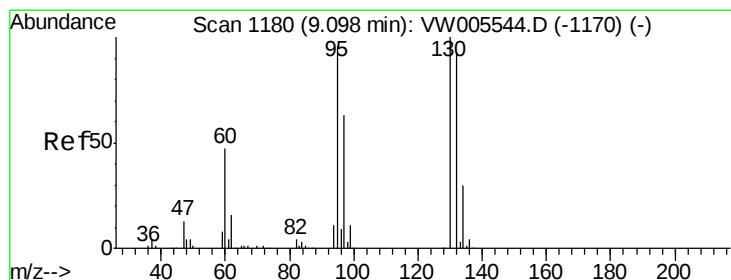
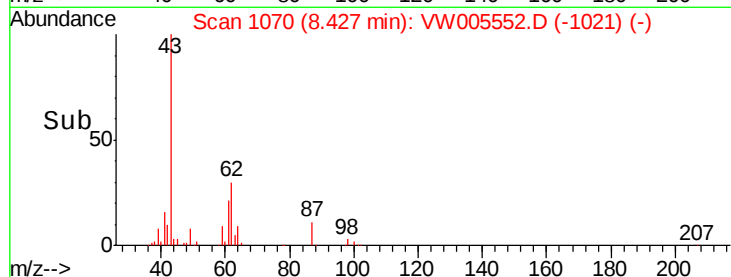
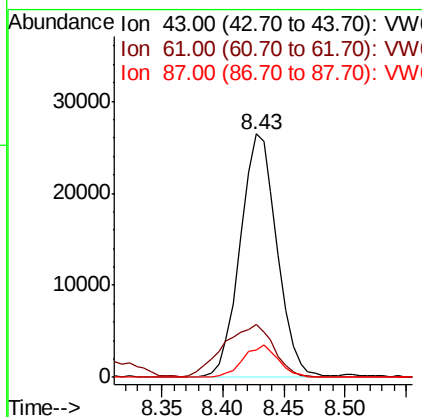
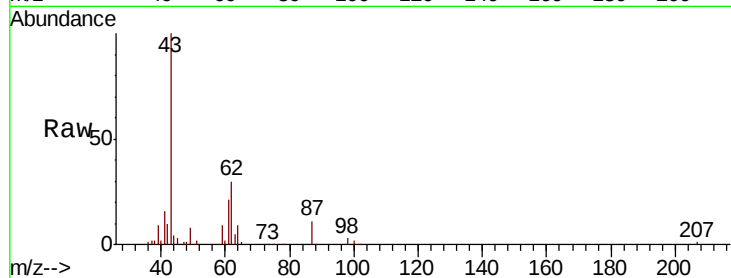
#43
Isopropyl Acetate
Concen: 18.168 ug/l
RT: 8.43 min Scan# 1070
Delta R.T. -0.00 min
Lab File: VW005552.D
Acq: 21 Sep 2018 11:48

Instrument :
MSVOA_W
ClientSampleId :
VW0922SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	29.6	24.1	36.1
87	12.7	9.8	14.8

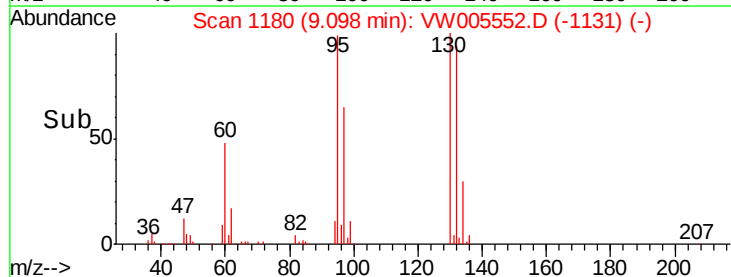
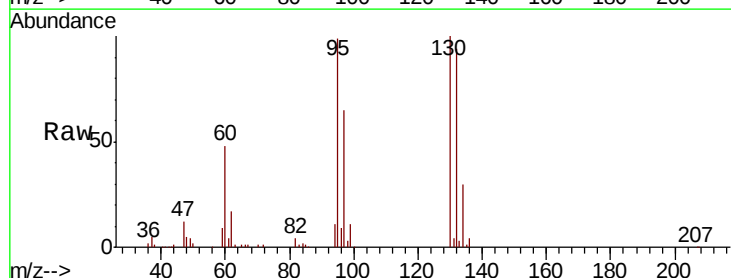
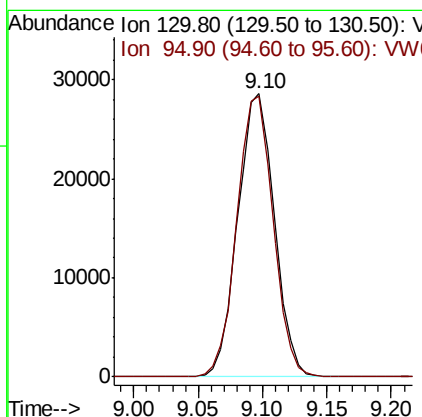
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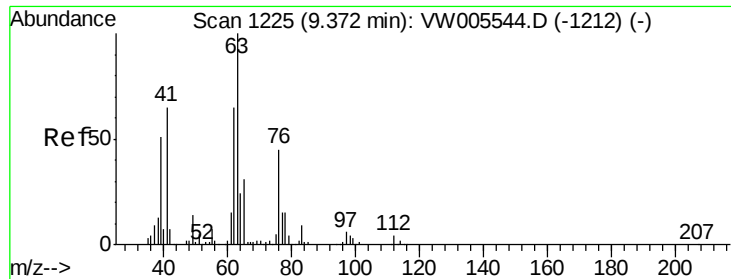
apatel
9/24/2018 9:35:33 AM



#44
Trichloroethene
Concen: 21.034 ug/l
RT: 9.10 min Scan# 1180
Delta R.T. -0.00 min
Lab File: VW005552.D
Acq: 21 Sep 2018 11:48

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.3	0.0	191.2





#45

1,2-Dichloropropane

Concen: 19.796 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. -0.00 min

Lab File: VW005552.D

Acq: 21 Sep 2018 11:48

Instrument :

MSVOA_W

ClientSampled :

VW0922SBS01

Tot Ion: 63 Resp: 50811

Ion Ratio Lower Upper

63 100

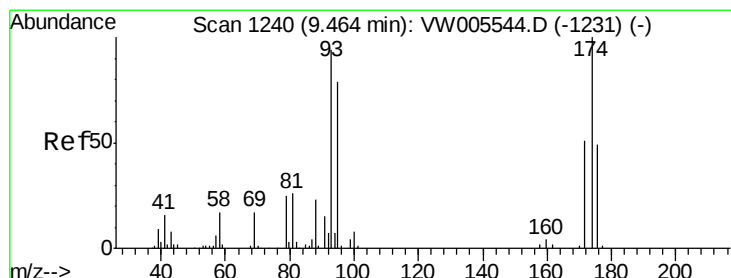
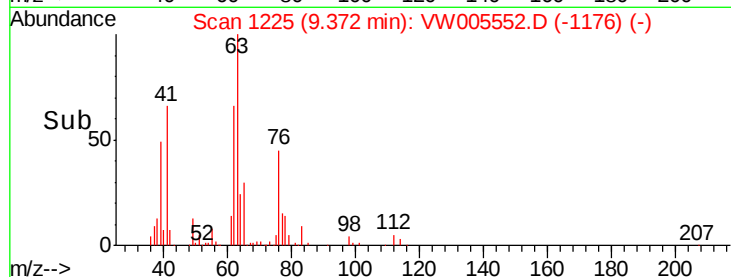
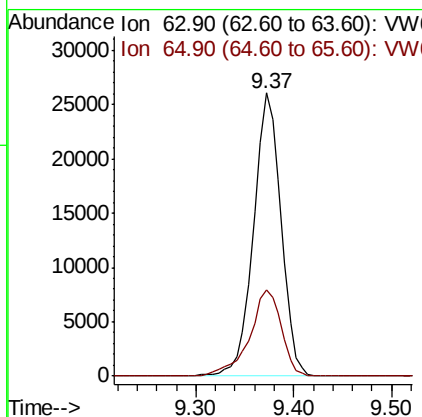
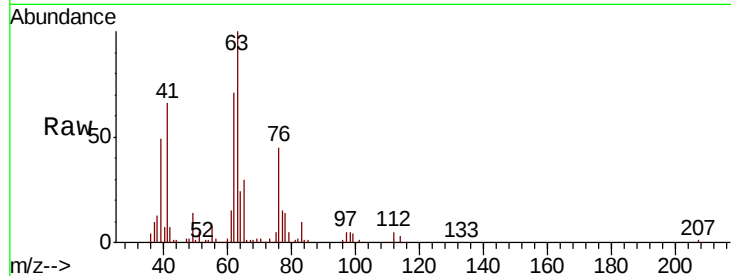
65 30.3 24.7 37.1

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#46

Dibromomethane

Concen: 19.152 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VW005552.D

Acq: 21 Sep 2018 11:48

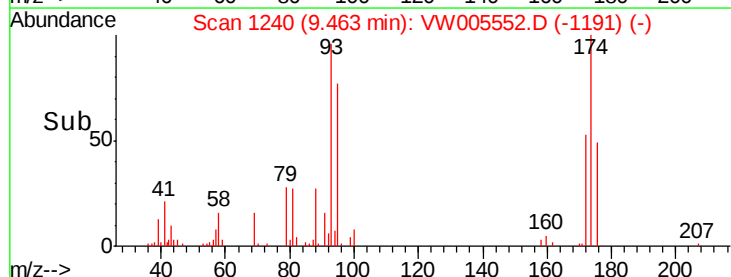
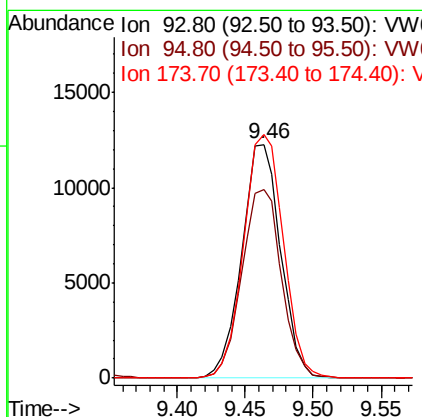
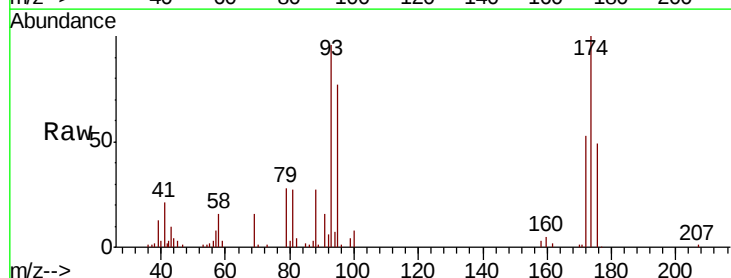
Tgt Ion: 93 Resp: 24562

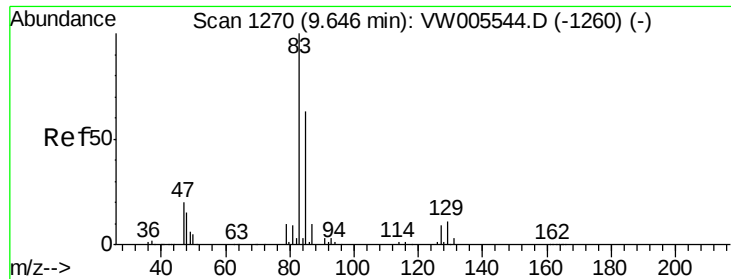
Ion Ratio Lower Upper

93 100

95 82.4 65.8 98.8

174 106.7 84.0 126.0





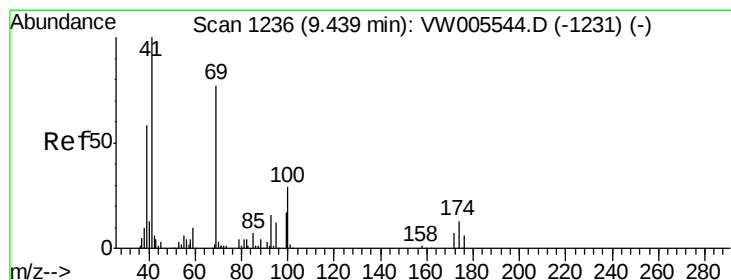
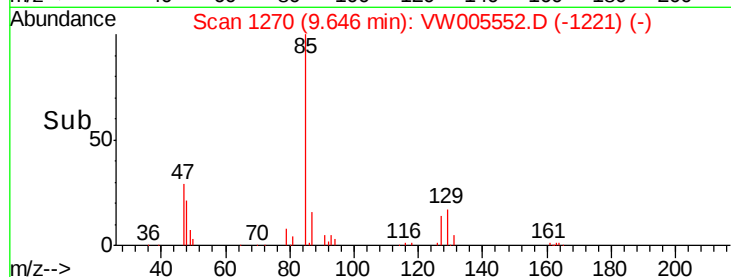
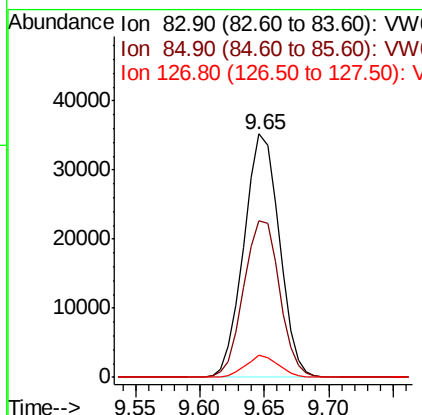
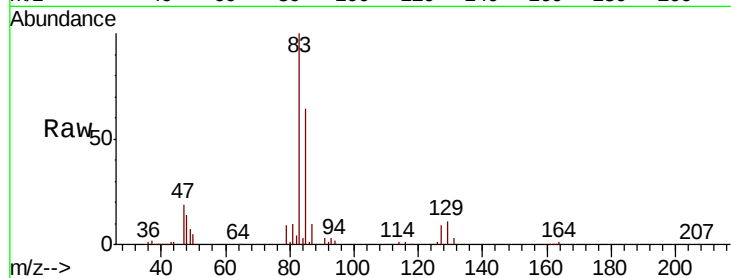
#47
Bromodichloromethane
Concen: 19.548 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VW005552.D
Acq: 21 Sep 2018 11:48

Instrument :
MSVOA_W
ClientSampleId :
VW0922SBS01

Tot Ion	83	Resp	67342
Ion Ratio	100	Lower	Upper
83	100		
85	64.3	50.5	75.7
127	9.1	7.0	10.6

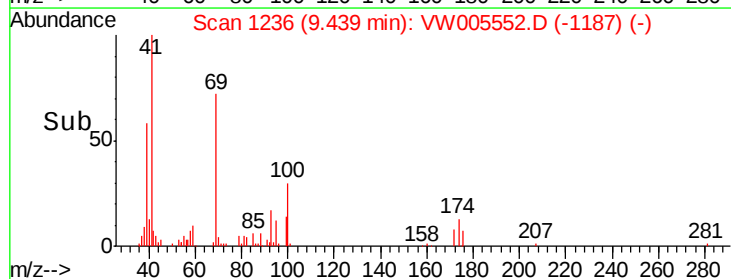
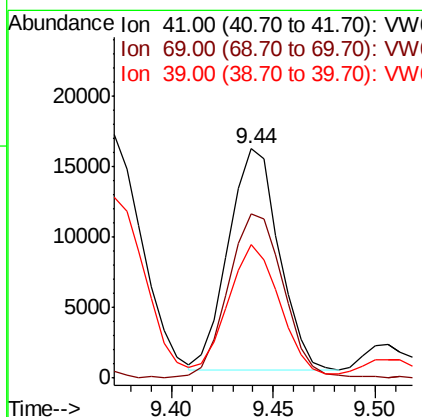
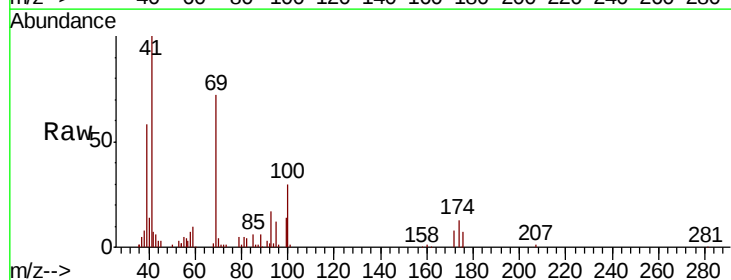
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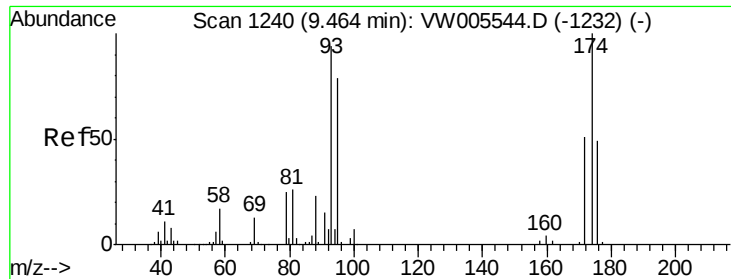
apatel
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#48
Methyl methacrylate
Concen: 18.690 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VW005552.D
Acq: 21 Sep 2018 11:48

Tgt Ion	41	Resp	27045
Ion Ratio	100	Lower	Upper
41	100		
69	81.2	64.7	97.1
39	57.8	50.5	75.7





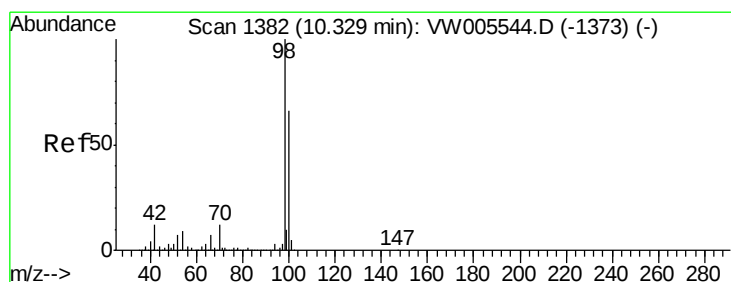
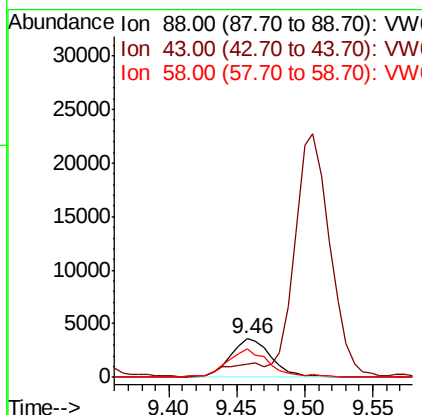
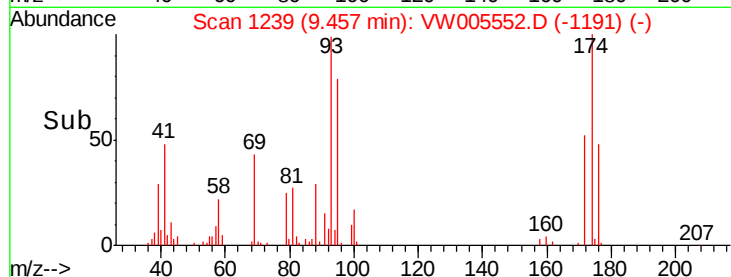
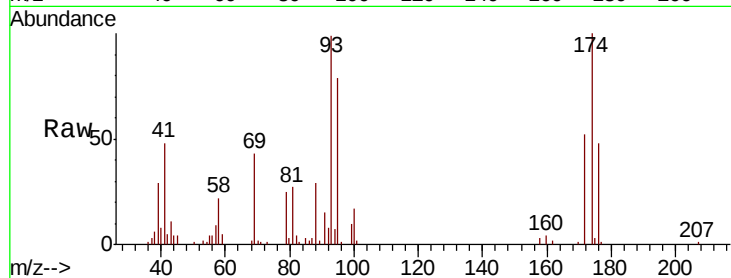
#49
1,4-Dioxane
Concen: 372.745 ug/l
RT: 9.46 min Scan# 1239
Delta R.T. -0.01 min
Lab File: VW005552.D
Acq: 21 Sep 2018 11:48

Instrument :
MSVOA_W
ClientSampleId :
VW0922SBS01

Tot Ion	88	Resp	7600
Ion	Ratio	Lower	Upper
88	100		
43	33.8	0.0	0.0#
58	76.9	61.2	91.8

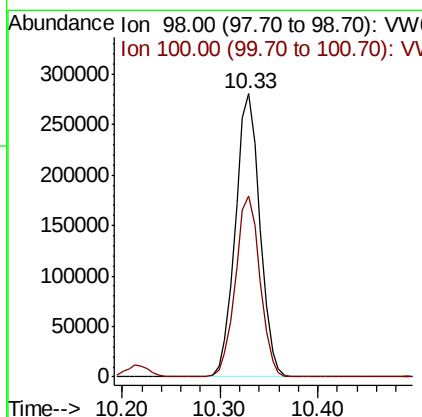
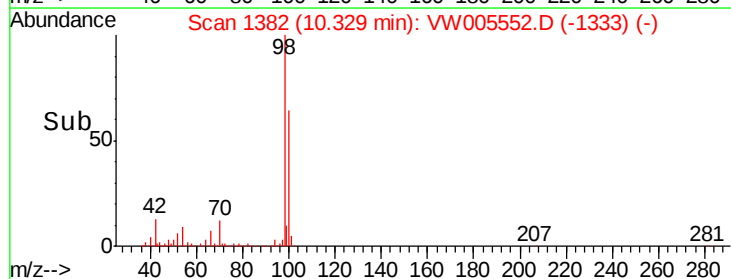
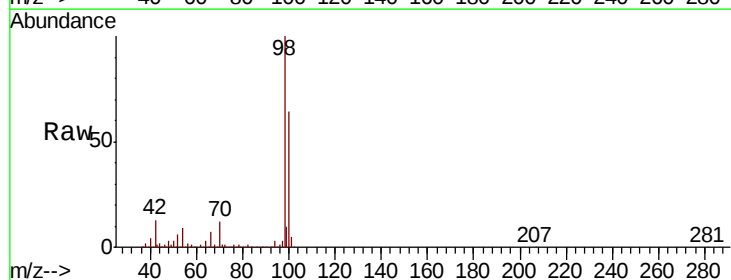
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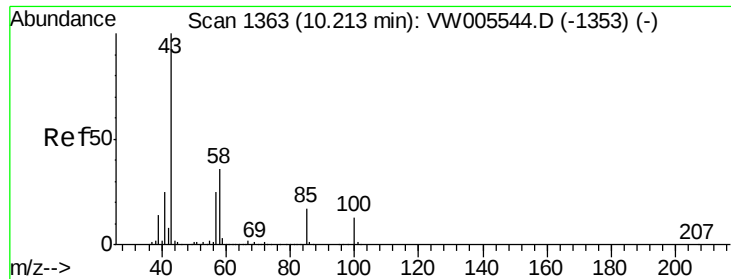
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#50
Toluene-d8
Concen: 51.987 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW005552.D
Acq: 21 Sep 2018 11:48

Tgt Ion	98	Resp	486912
Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 91.215 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW005552.D

Acq: 21 Sep 2018 11:48

Instrument :

MSVOA_W

ClientSampleId :

VW0922SBS01

Tot Ion: 43 Resp: 139963

Ion Ratio Lower Upper

43 100

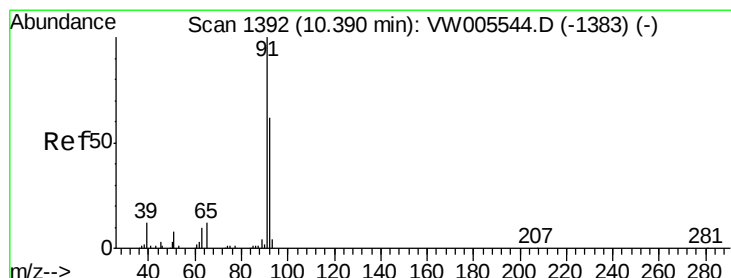
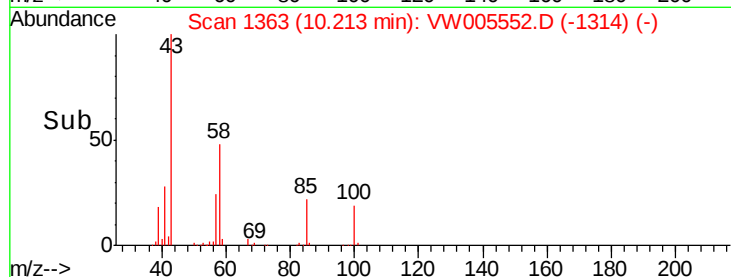
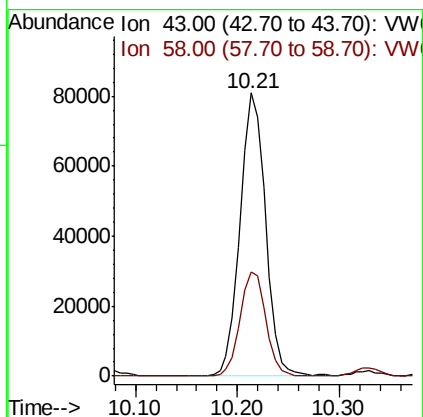
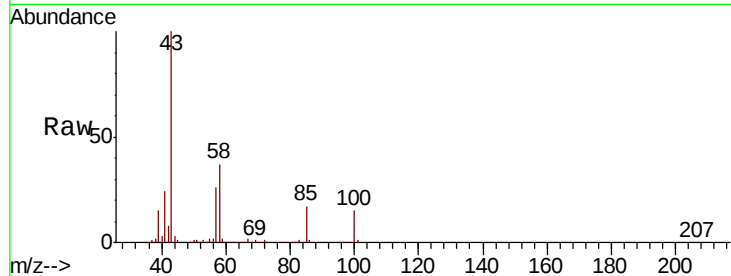
58 37.4 30.0 45.0

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#52

Toluene

Concen: 20.769 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW005552.D

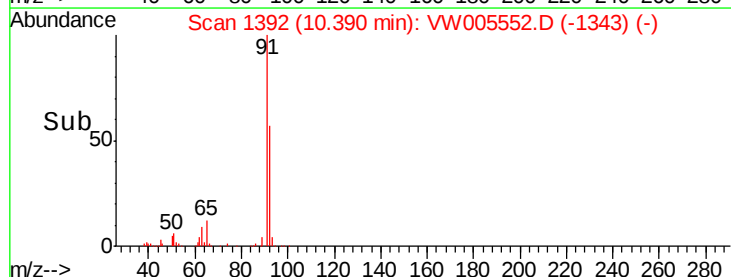
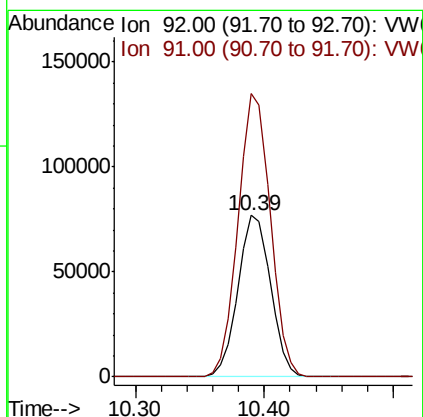
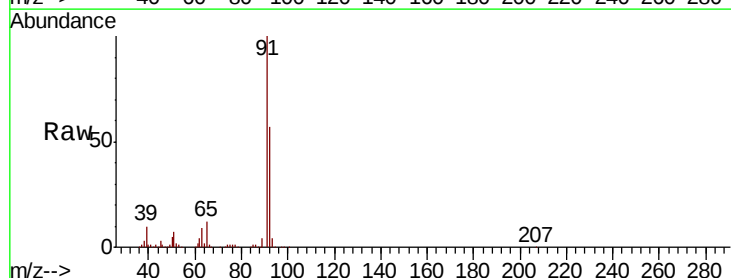
Acq: 21 Sep 2018 11:48

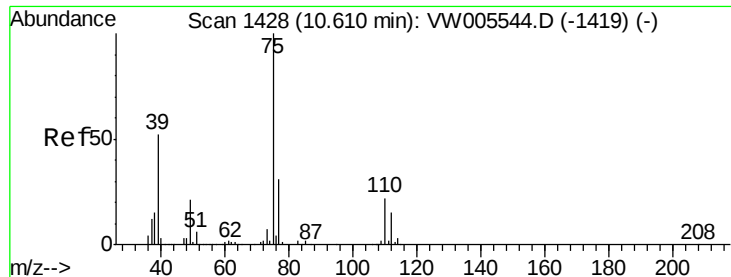
Tgt Ion: 92 Resp: 135201

Ion Ratio Lower Upper

92 100

91 173.6 137.1 205.7





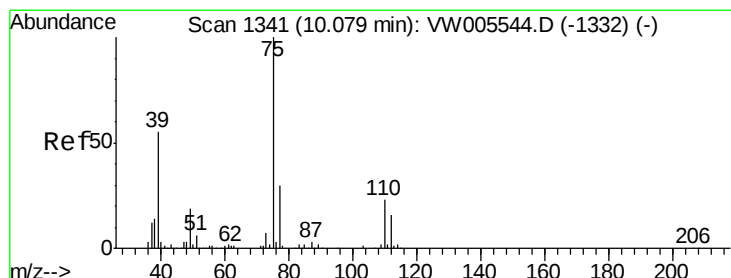
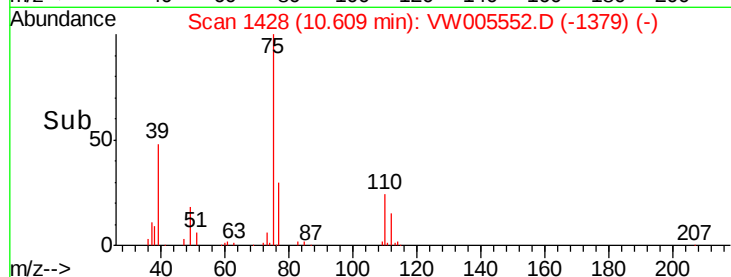
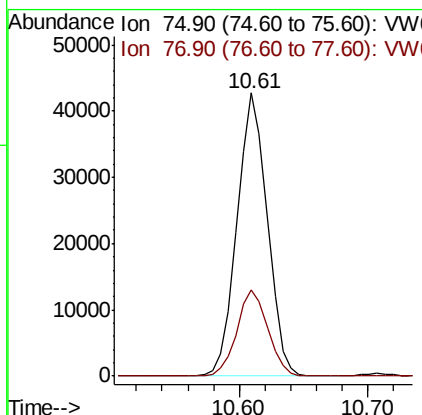
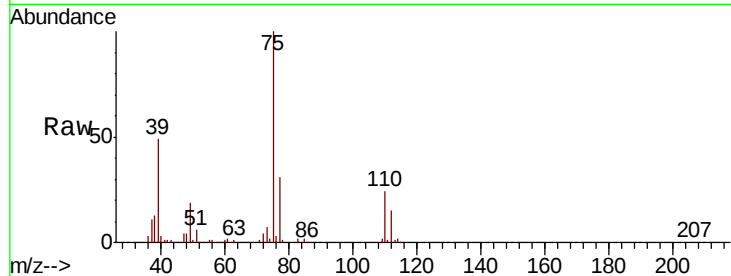
#53
t-1,3-Dichloropropene
Concen: 20.156 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. -0.00 min
Lab File: VW005552.D
Acq: 21 Sep 2018 11:48

Instrument :
MSVOA_W
ClientSampleId :
VW0922SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.7	24.6	37.0

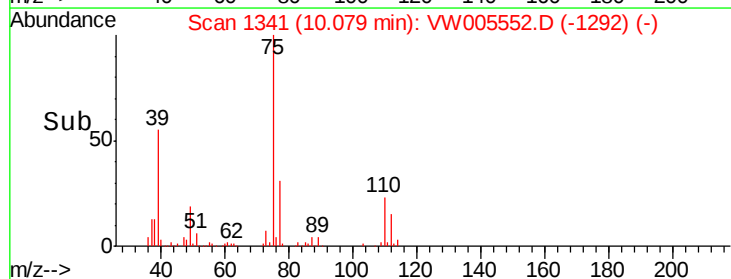
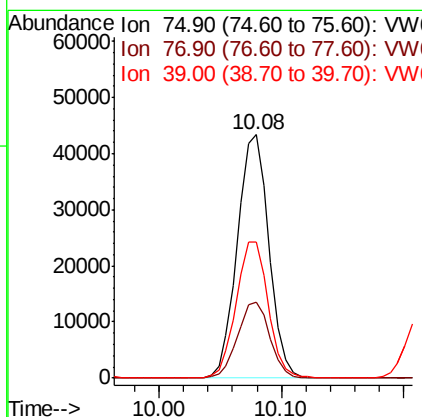
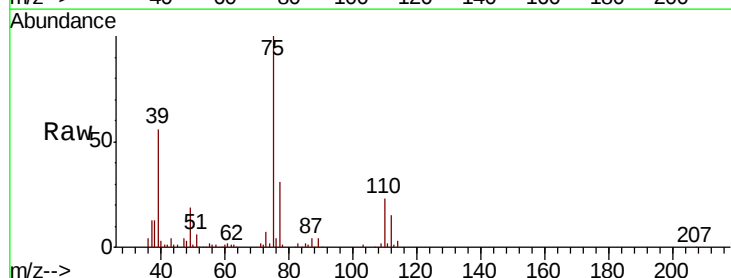
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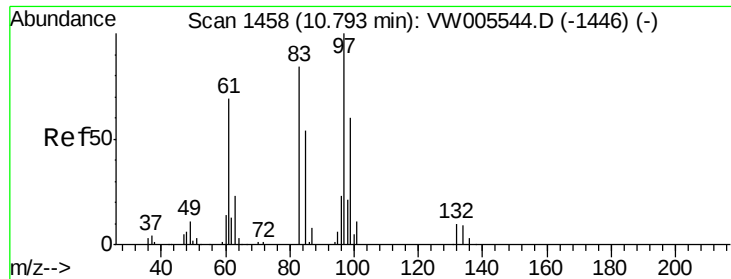
apatel
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#54
cis-1,3-Dichloropropene
Concen: 20.069 ug/l
RT: 10.08 min Scan# 1341
Delta R.T. -0.00 min
Lab File: VW005552.D
Acq: 21 Sep 2018 11:48

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.5	24.3	36.5
39	55.7	43.7	65.5





#55

1,1,2-Trichloroethane

Concen: 19.206 ug/l

RT: 10.79 min Scan# 1458

Delta R.T. -0.00 min

Lab File: VW005552.D

Acq: 21 Sep 2018 11:48

Instrument :

MSVOA_W

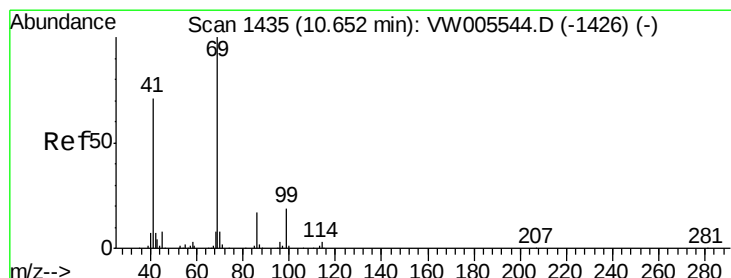
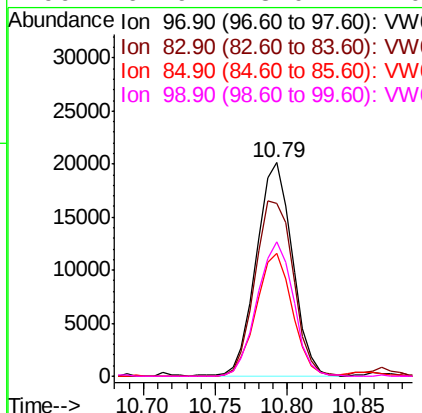
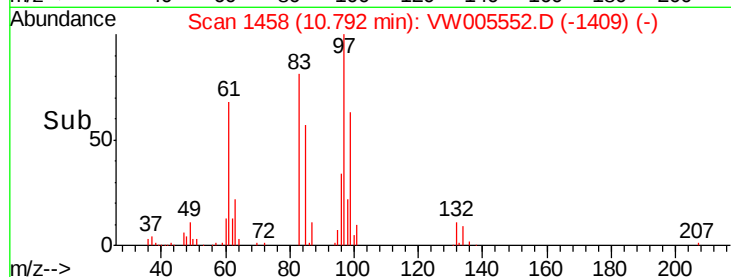
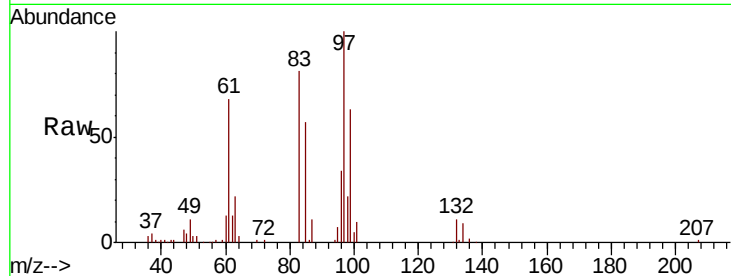
ClientSampled :

VW0922SBS01

Tot Ion:	97	Resp:	34963
Ion	Ratio	Lower	Upper
97	100		
83	81.1	67.4	101.2
85	57.3	43.3	64.9
99	62.9	48.0	72.0

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#56

Ethyl methacrylate

Concen: 18.863 ug/l

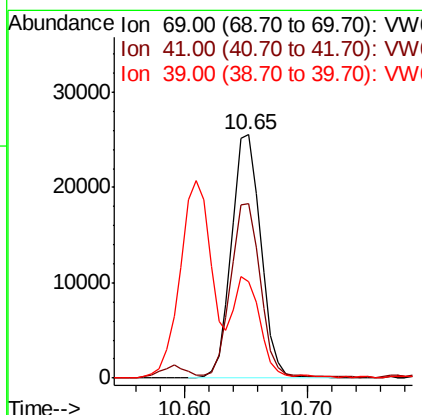
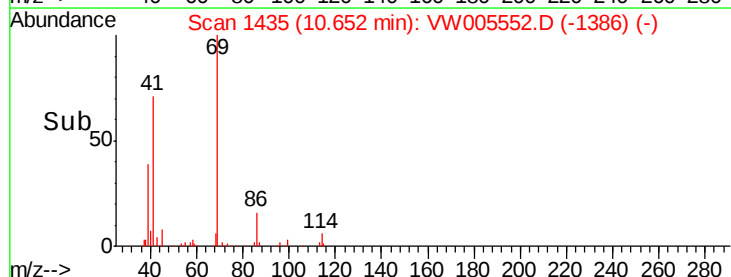
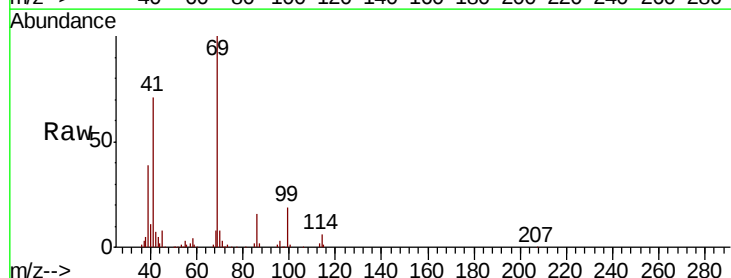
RT: 10.65 min Scan# 1435

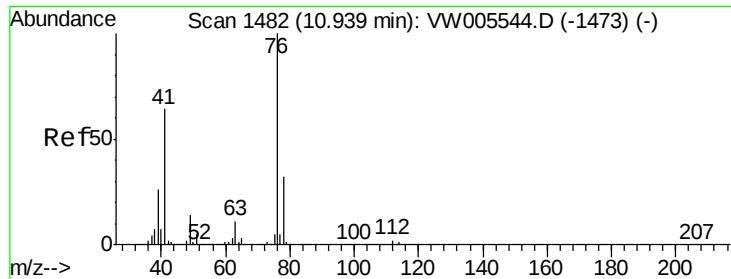
Delta R.T. -0.00 min

Lab File: VW005552.D

Acq: 21 Sep 2018 11:48

Tgt Ion:	69	Resp:	42389
Ion	Ratio	Lower	Upper
69	100		
41	71.8	57.3	85.9
39	36.1	29.2	43.8





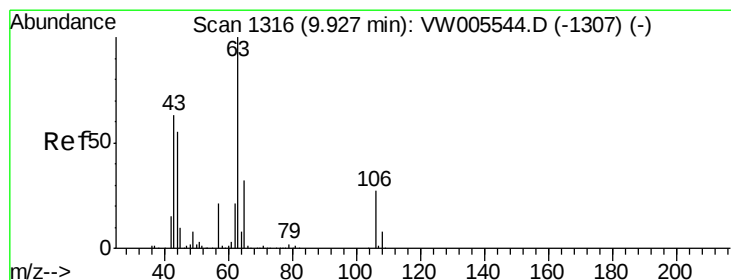
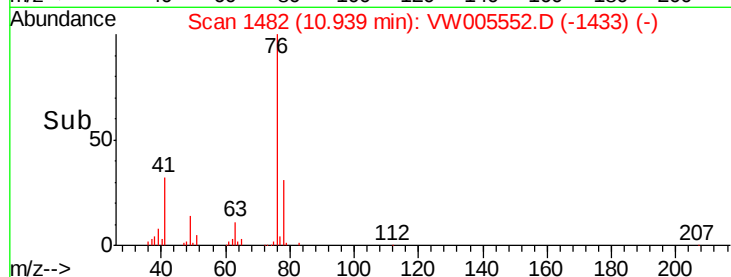
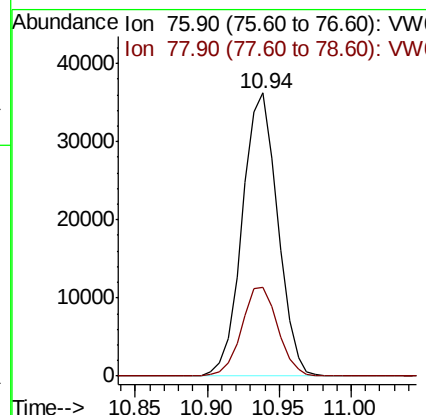
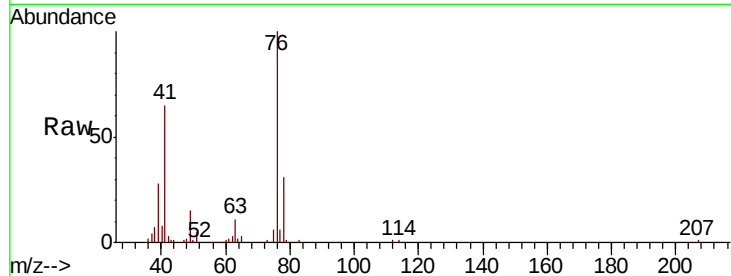
#57
 1,3-Dichloropropane
 Concen: 19.151 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. -0.00 min
 Lab File: VW005552.D
 Acq: 21 Sep 2018 11:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0922SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.1	25.6	38.4

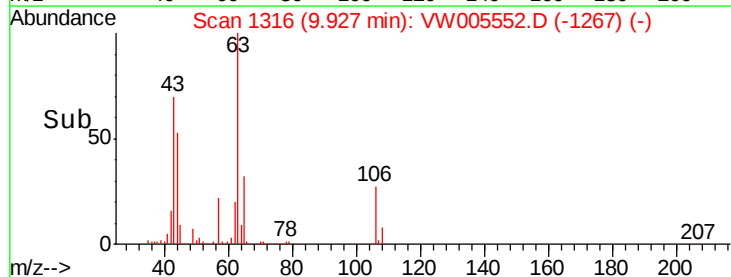
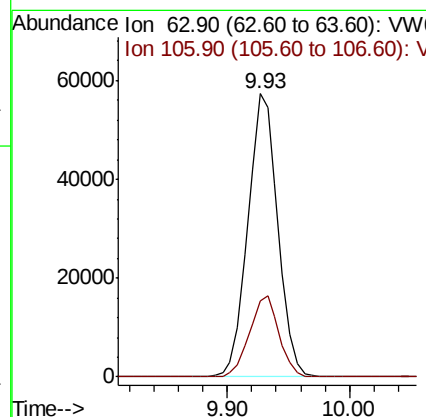
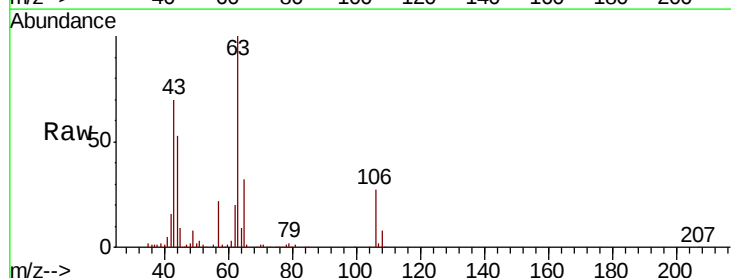
Manual Integrations
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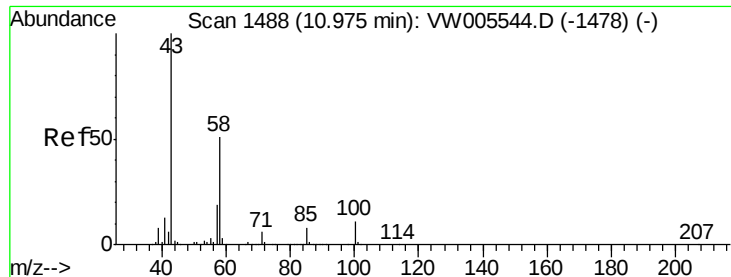
apatel
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#58
 2-Chloroethyl Vinyl ether
 Concen: 95.251 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW005552.D
 Acq: 21 Sep 2018 11:48

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.5	21.6	32.4





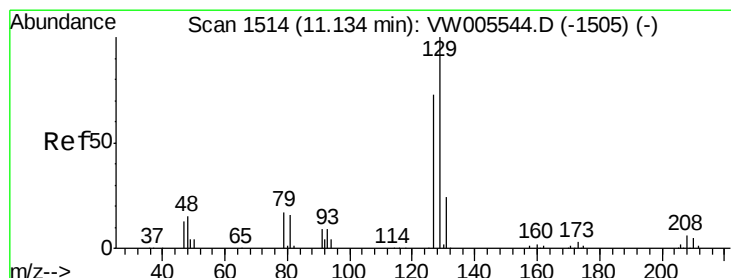
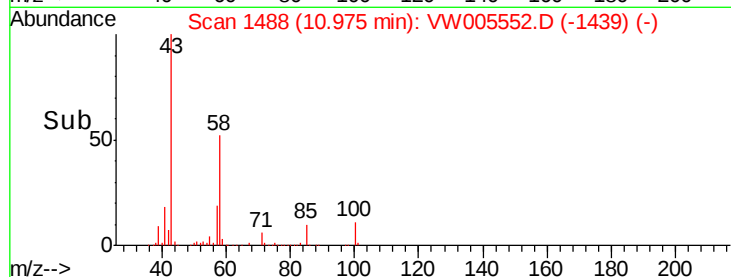
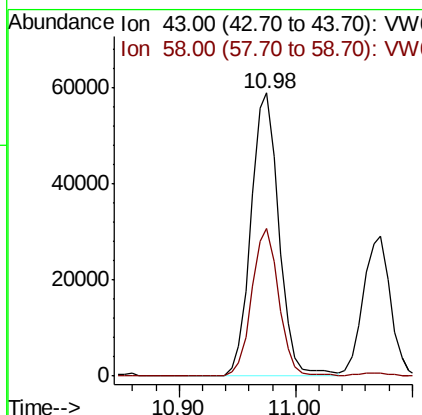
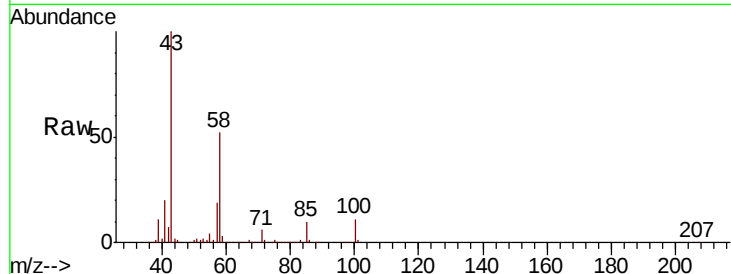
#59
2-Hexanone
Concen: 95.241 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW005552.D
Acq: 21 Sep 2018 11:48

Instrument :
MSVOA_W
ClientSampleId :
VW0922SBS01

Tot Ion: 43 Resp: 99277
Ion Ratio Lower Upper
43 100
58 50.3 25.3 75.9

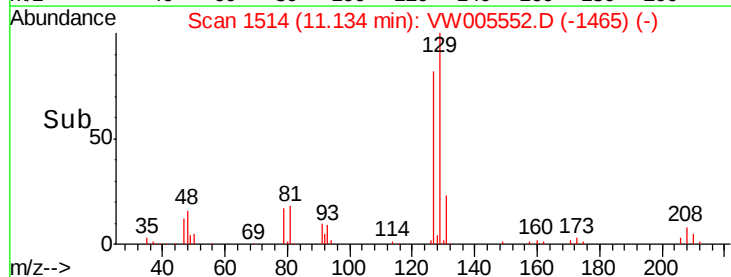
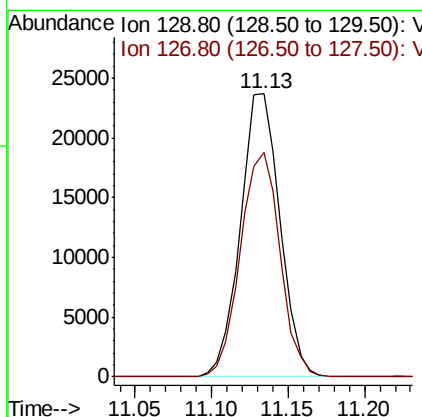
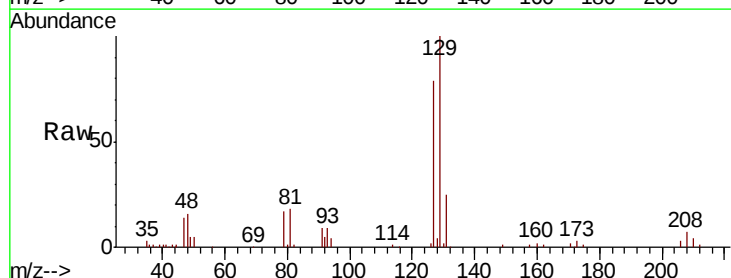
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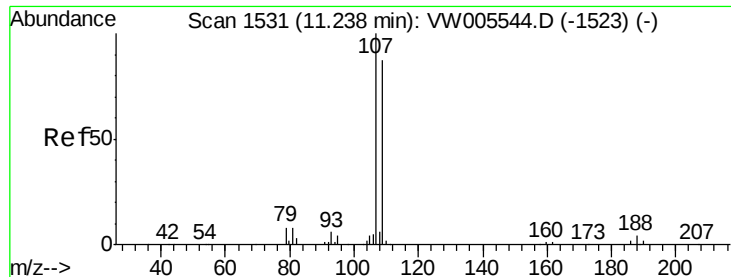
apatel
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#60
Dibromochloromethane
Concen: 19.366 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW005552.D
Acq: 21 Sep 2018 11:48

Tgt Ion: 129 Resp: 42595
Ion Ratio Lower Upper
129 100
127 79.3 38.5 115.5





#61

1,2-Dibromoethane

Concen: 19.525 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW005552.D

Acq: 21 Sep 2018 11:48

Instrument :

MSVOA_W

ClientSampleId :

VW0922SBS01

Tot Ion: 107 Resp: 33139

Ion Ratio Lower Upper

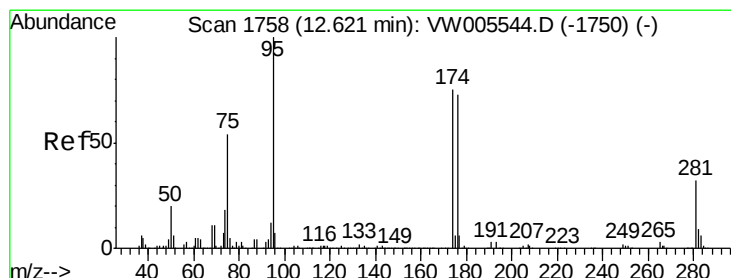
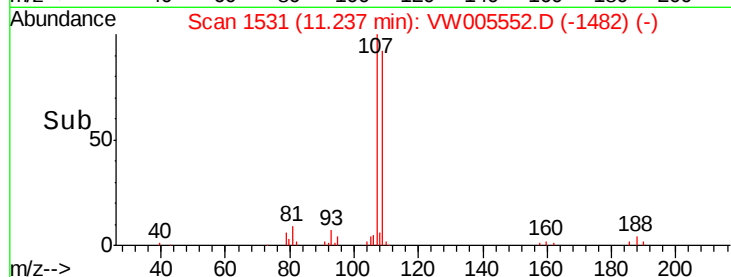
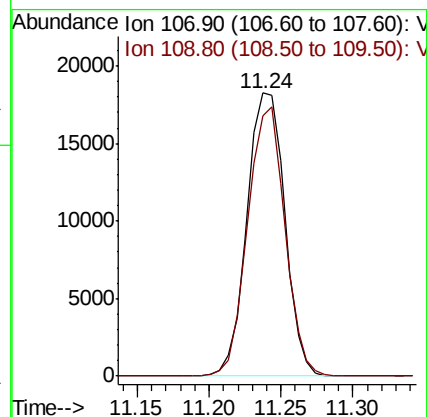
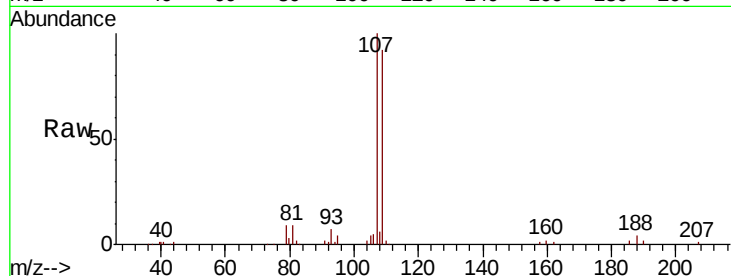
107 100

109 93.9 73.4 110.0

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#62

4-Bromofluorobenzene

Concen: 50.390 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. 0.01 min

Lab File: VW005552.D

Acq: 21 Sep 2018 11:48

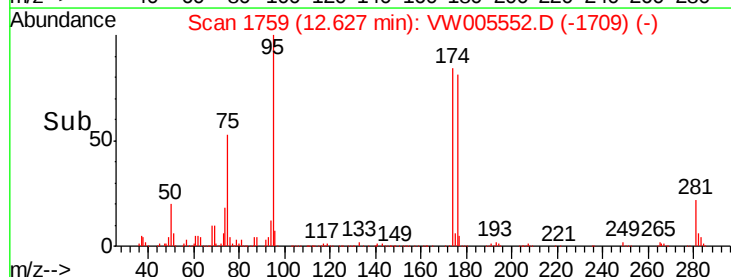
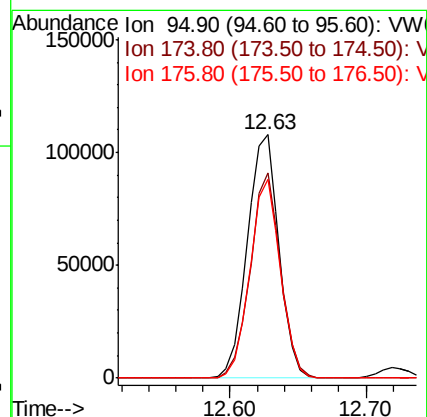
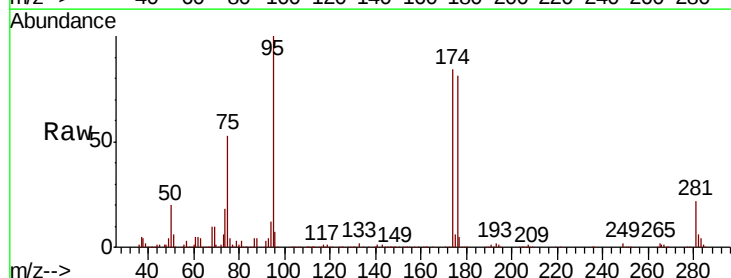
Tgt Ion: 95 Resp: 174634

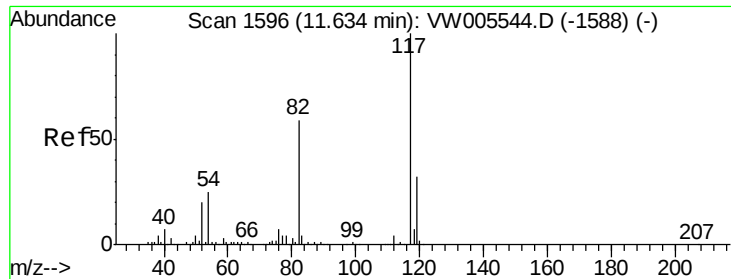
Ion Ratio Lower Upper

95 100

174 81.2 0.0 163.8

176 79.0 0.0 158.0





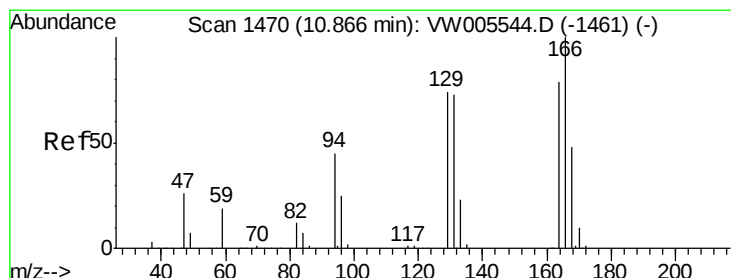
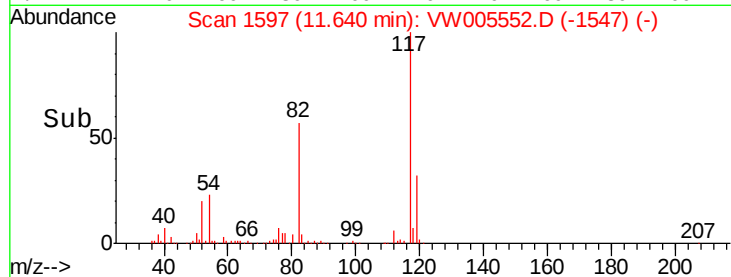
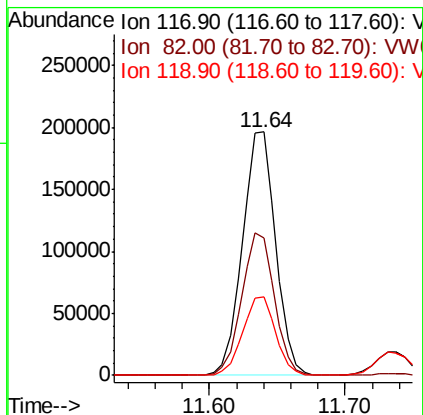
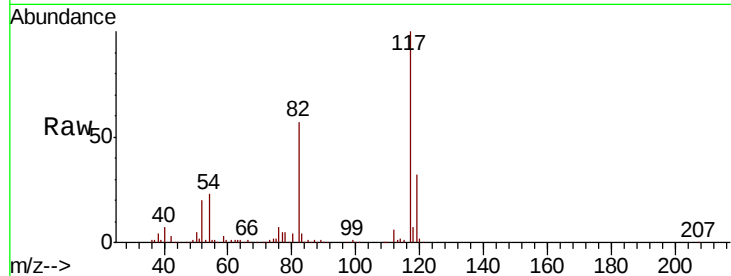
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. 0.01 min
Lab File: VW005552.D
Acq: 21 Sep 2018 11:48

Instrument :
MSVOA_W
ClientSampleId :
VW0922SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	334876		
82	56.5	46.9	70.3	
119	32.2	25.7	38.5	

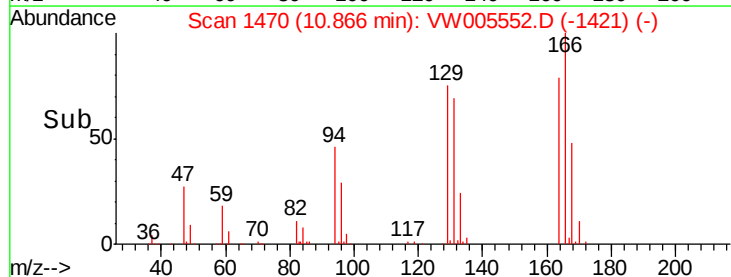
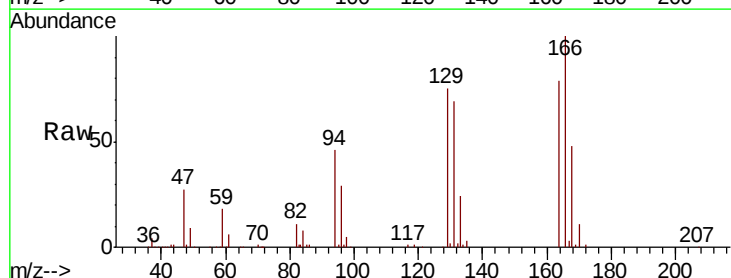
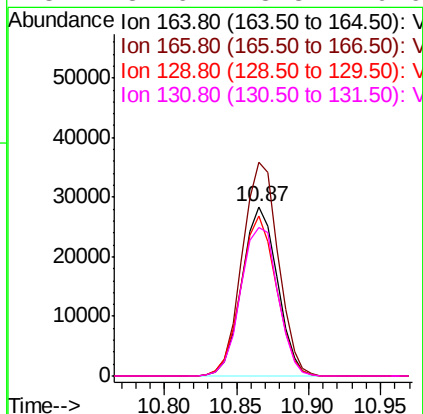
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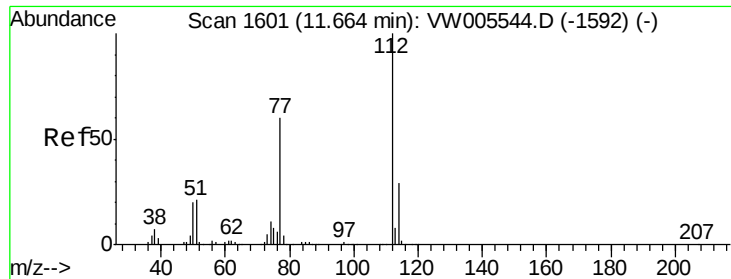
apatel
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#64
Tetrachloroethene
Concen: 20.350 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW005552.D
Acq: 21 Sep 2018 11:48

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	48368		
166	126.2	101.1	151.7	
129	94.8	74.4	111.6	
131	87.6	73.8	110.6	





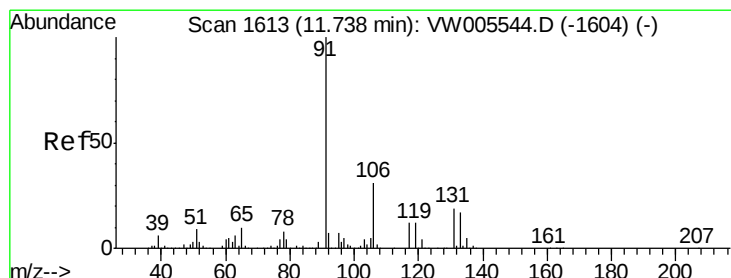
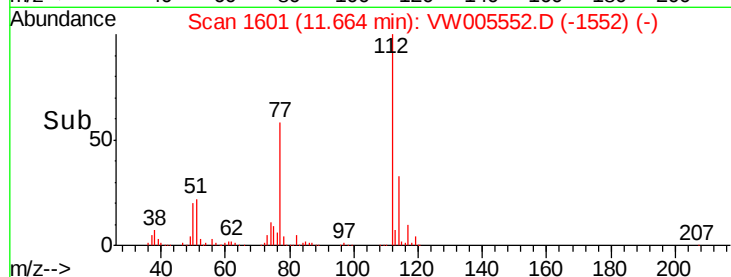
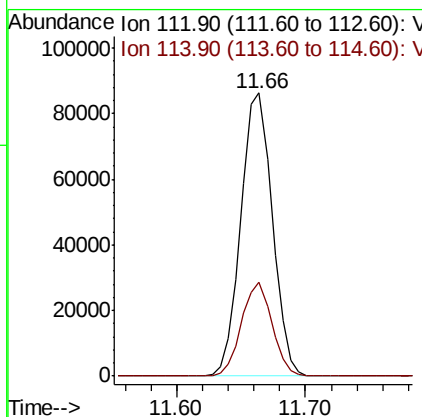
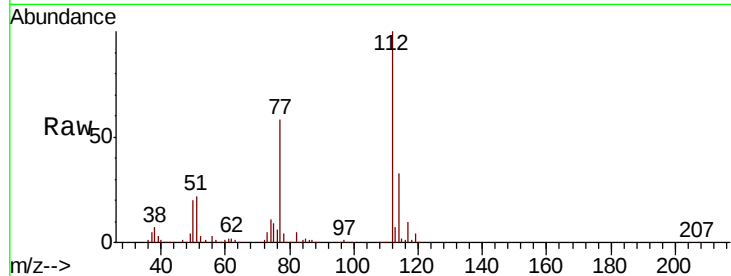
#65
Chlorobenzene
Concen: 20.489 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VW005552.D
Acq: 21 Sep 2018 11:48

Instrument :
MSVOA_W
ClientSampleId :
VW0922SBS01

Tot Ion	Ratio	Resp	Lower	Upper
112	100	145653		
114	33.3	22.9	34.3	

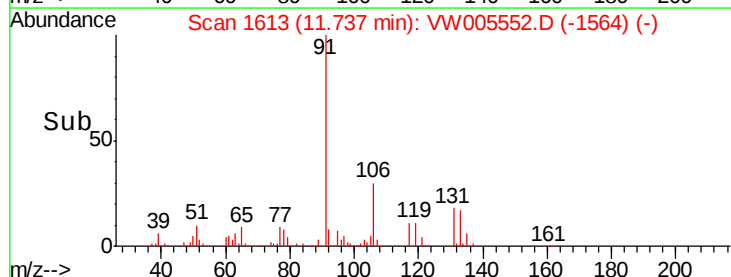
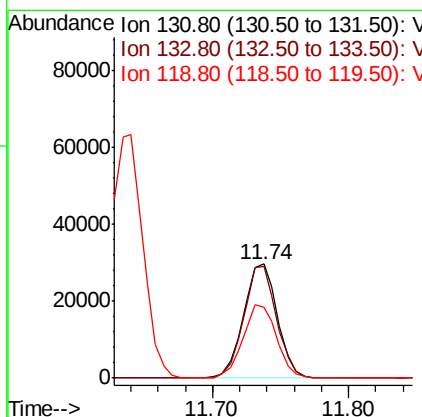
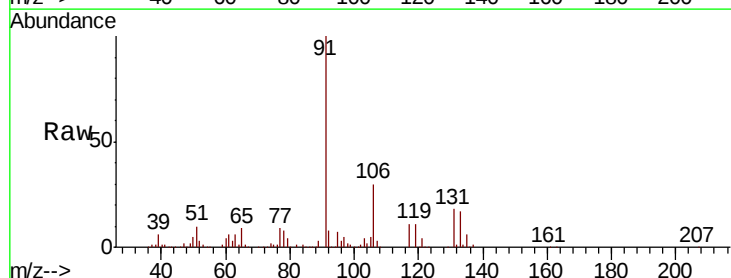
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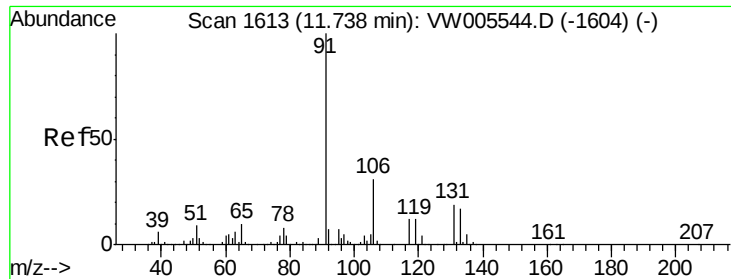
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.048 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005552.D
Acq: 21 Sep 2018 11:48

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	51295		
133	95.5	47.2	141.6	
119	64.1	31.1	93.2	





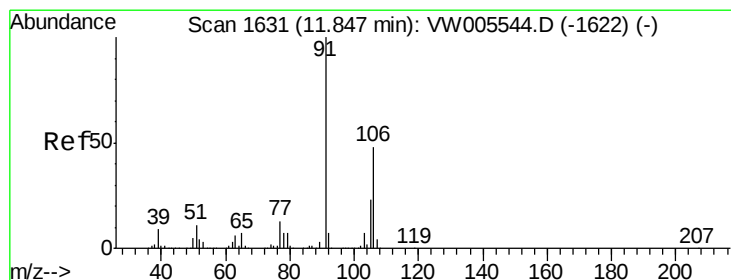
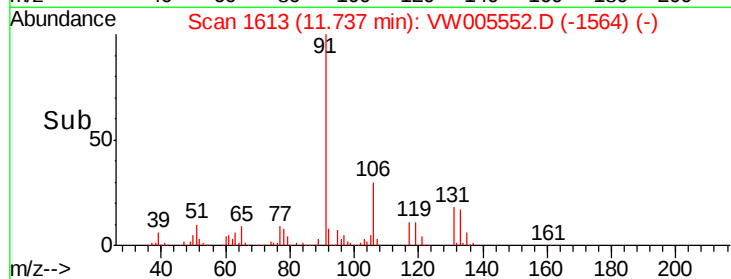
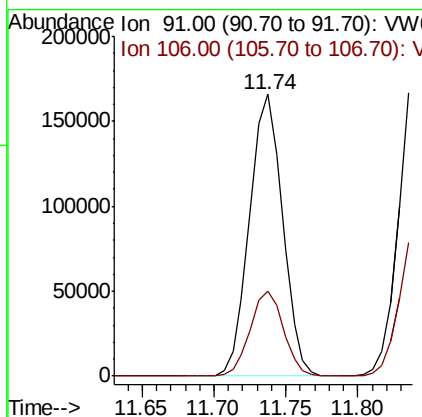
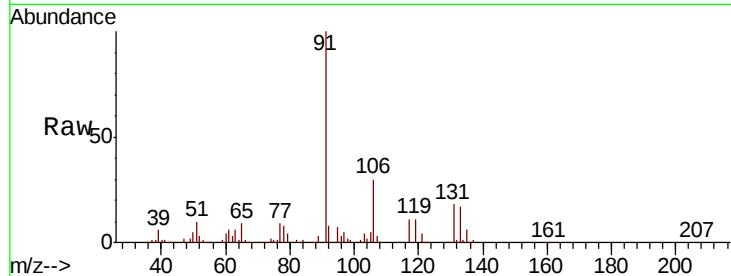
#67
Ethyl Benzene
Concen: 20.944 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005552.D
Acq: 21 Sep 2018 11:48

Instrument :
MSVOA_W
ClientSampleId :
VW0922SBS01

Tot Ion: 91 Resp: 264277
Ion Ratio Lower Upper
91 100
106 30.3 24.4 36.6

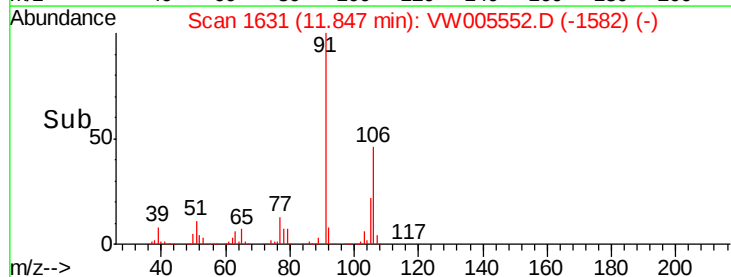
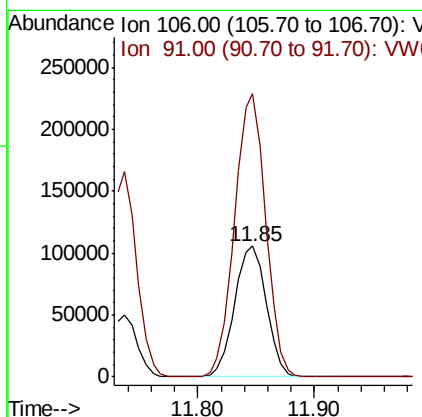
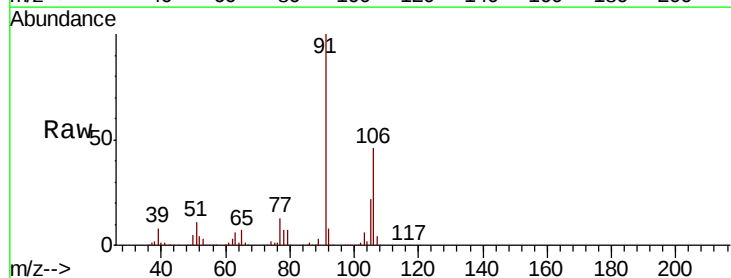
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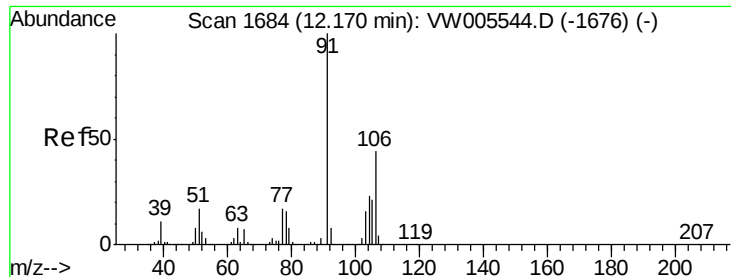
apatel
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#68
m/p-Xylenes
Concen: 42.206 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VW005552.D
Acq: 21 Sep 2018 11:48

Tgt Ion: 106 Resp: 201209
Ion Ratio Lower Upper
106 100
91 211.9 167.8 251.8





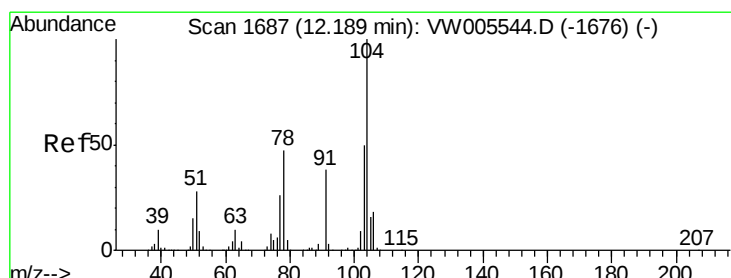
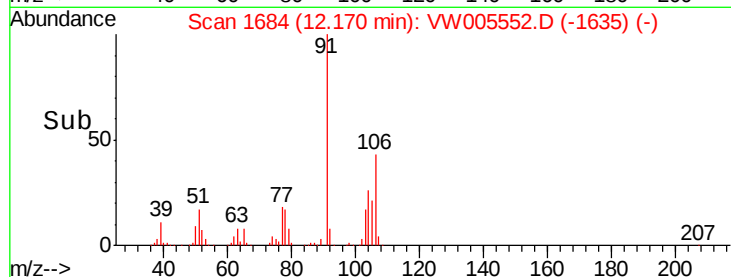
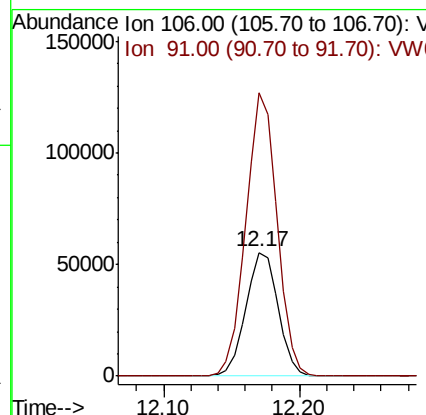
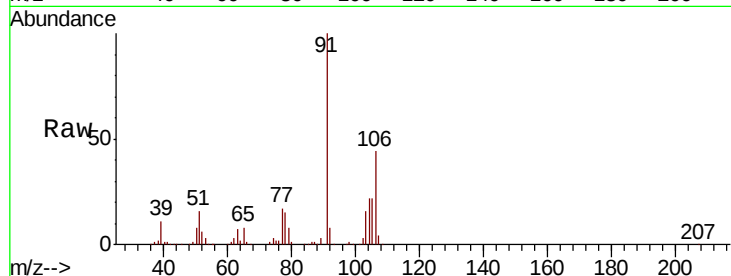
#69
o-Xylene
Concen: 20.598 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW005552.D
Acq: 21 Sep 2018 11:48

Instrument :
MSVOA_W
ClientSampled :
VW0922SBS01

Tot Ion:106 Resp: 91965
Ion Ratio Lower Upper
106 100
91 221.3 111.0 333.0

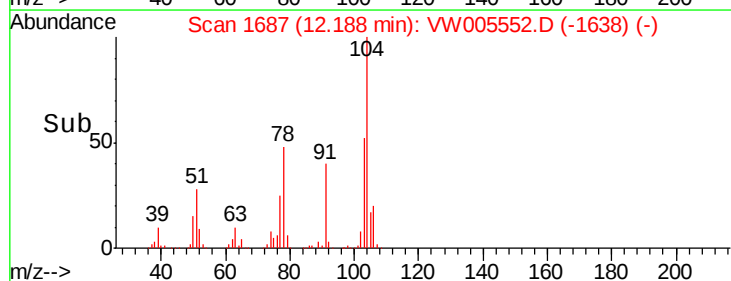
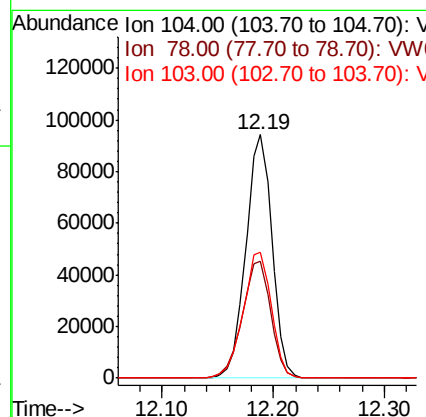
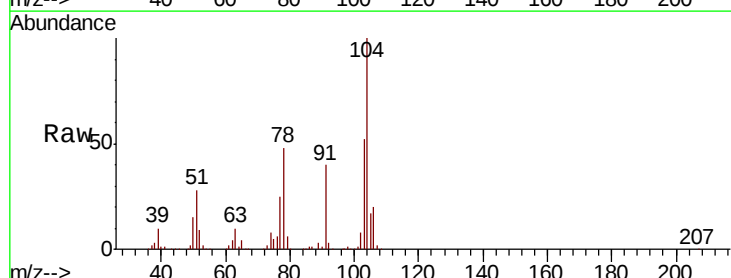
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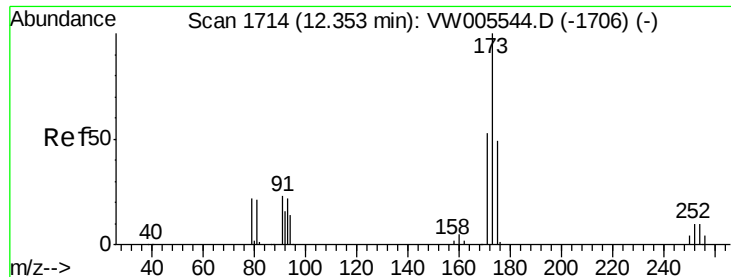
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#70
Styrene
Concen: 20.430 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VW005552.D
Acq: 21 Sep 2018 11:48

Tgt Ion:104 Resp: 153509
Ion Ratio Lower Upper
104 100
78 52.6 42.2 63.4
103 56.0 44.6 66.8





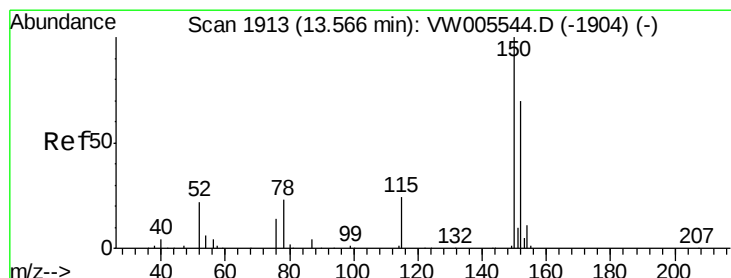
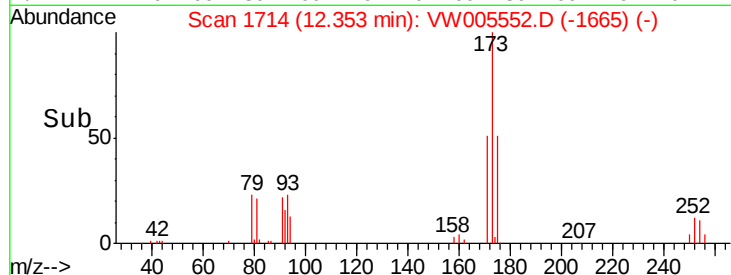
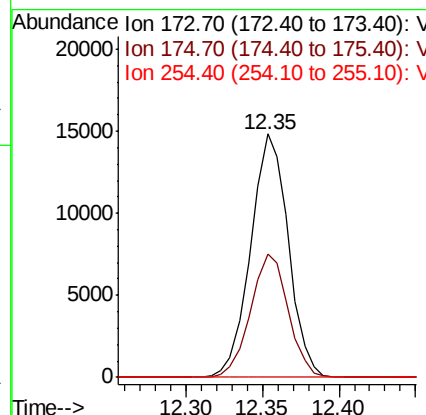
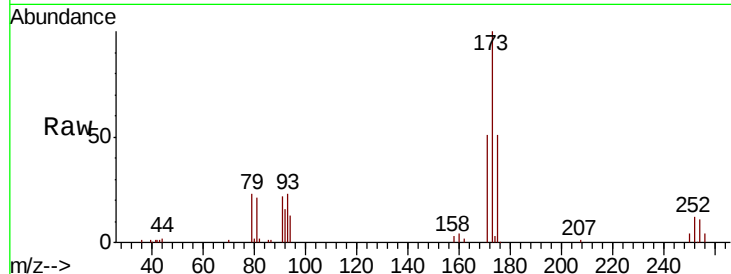
#71
Bromoform
Concen: 18.667 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. -0.00 min
Lab File: VW005552.D
Acq: 21 Sep 2018 11:48

Instrument :
MSVOA_W
ClientSampleId :
VW0922SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	50.7	24.3	72.9
254	0.0	0.1	0.1#

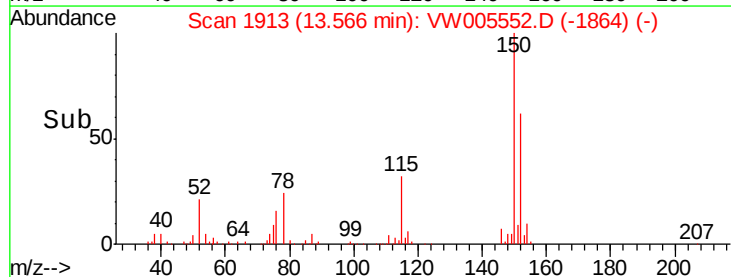
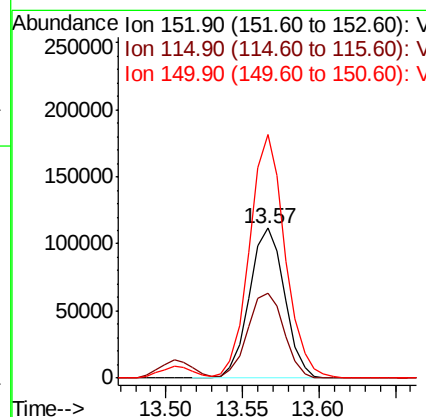
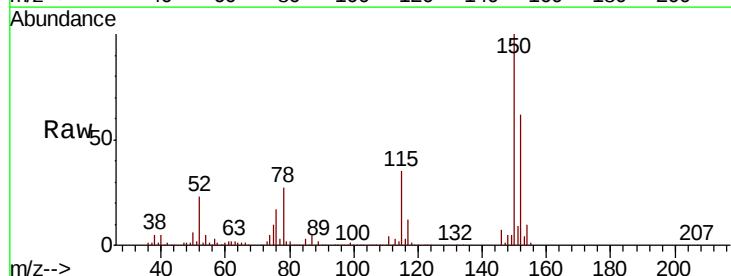
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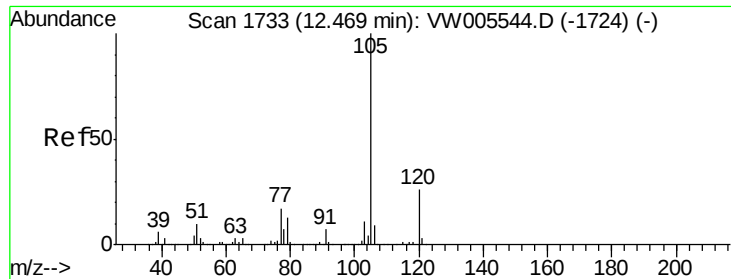
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005552.D
Acq: 21 Sep 2018 11:48

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.3	30.0	90.0
150	163.2	0.0	348.6





#73

Isopropylbenzene

Concen: 21.621 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW005552.D

Acq: 21 Sep 2018 11:48

Instrument :

MSVOA_W

ClientSampleId :

VW0922SBS01

Tot Ion:105 Resp: 268685

Ion Ratio Lower Upper

105 100

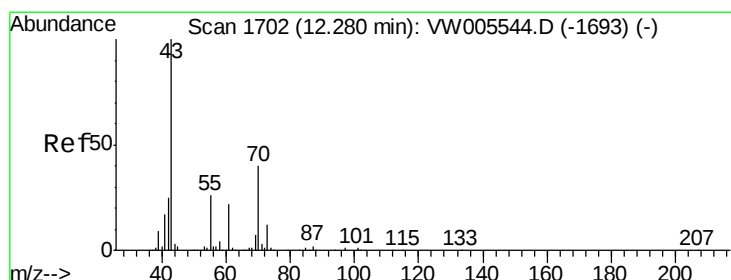
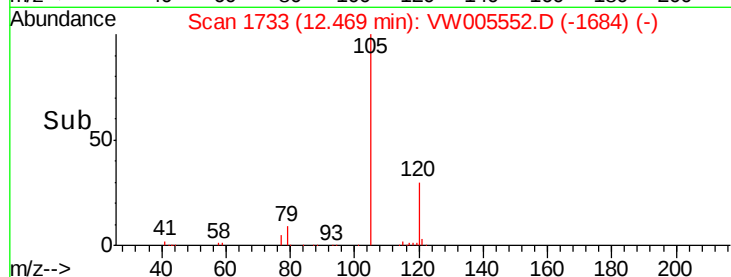
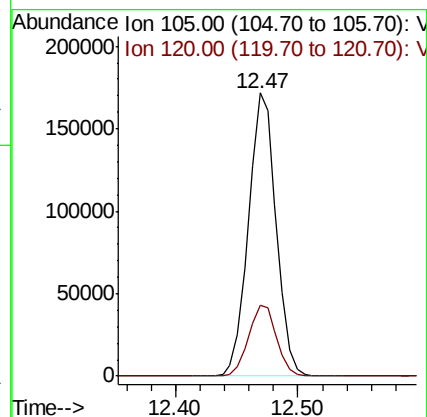
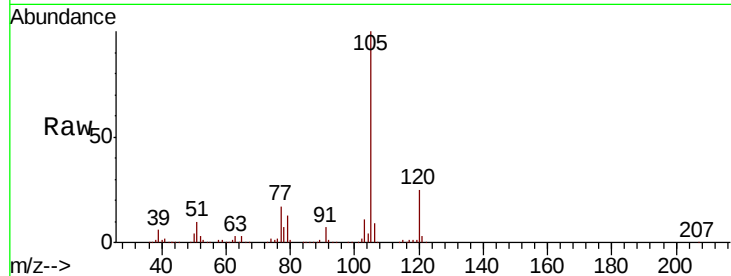
120 25.5 12.9 38.7

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#74

N-ethyl acetate

Concen: 18.252 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VW005552.D

Acq: 21 Sep 2018 11:48

Tgt Ion: 43 Resp: 51361

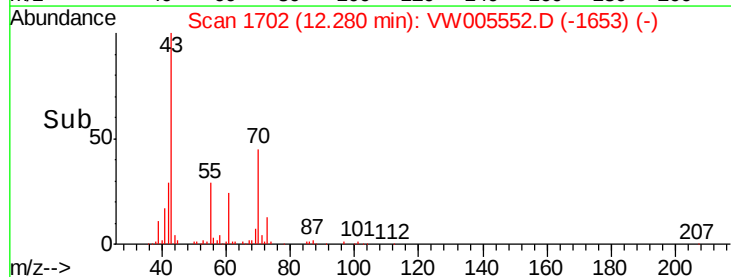
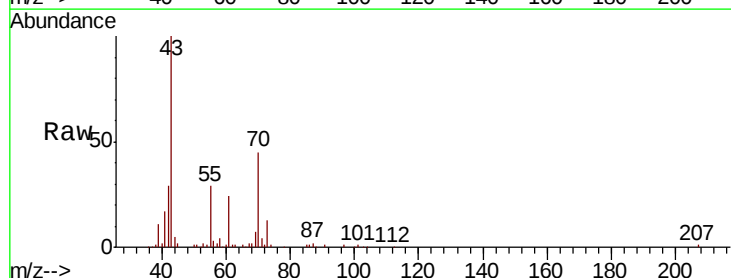
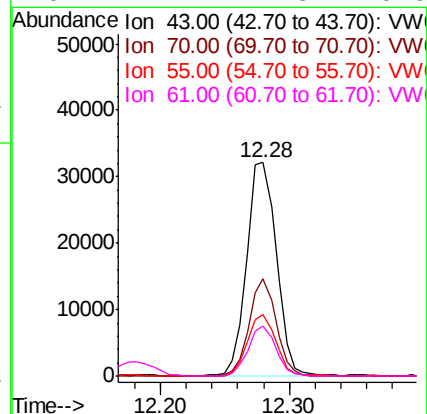
Ion Ratio Lower Upper

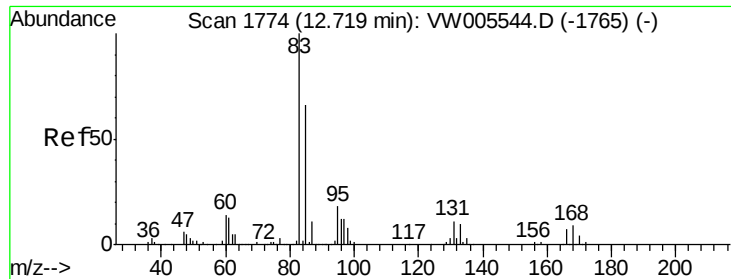
43 100

70 41.0 31.4 47.0

55 27.7 20.9 31.3

61 21.7 17.8 26.6





#75

1,1,2,2-Tetrachloroethane

Concen: 19.405 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW005552.D

Acq: 21 Sep 2018 11:48

Instrument :

MSVOA_W

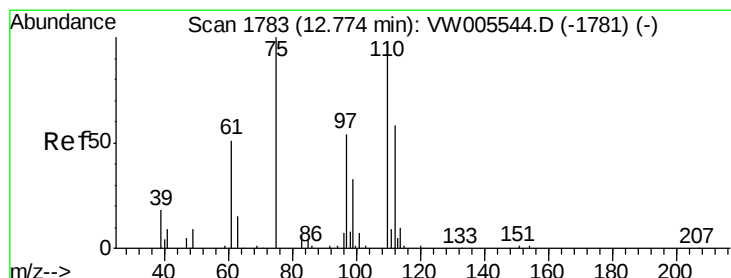
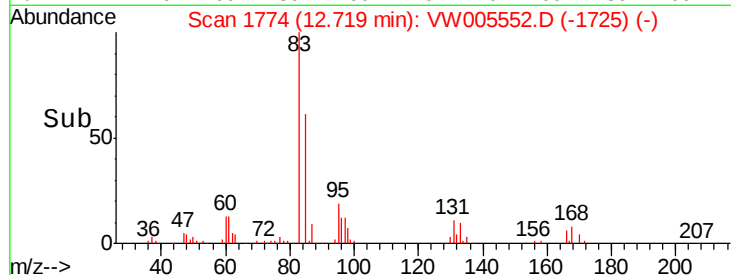
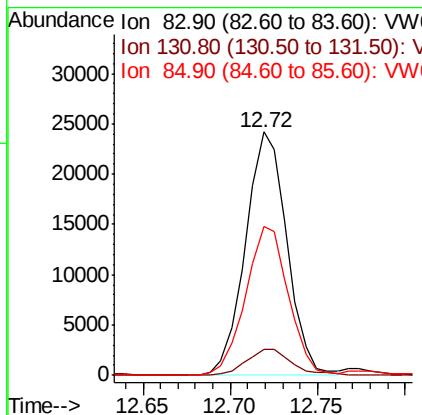
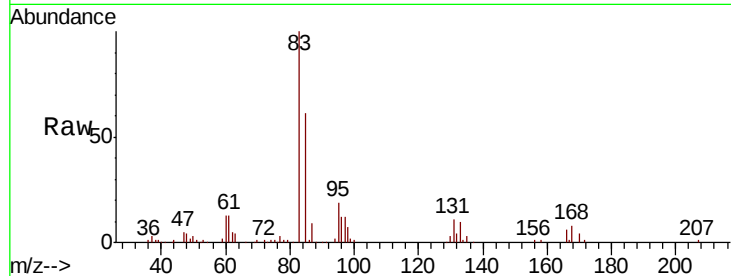
ClientSampleId :

VW0922SBS01

Tot Ion:	83	Resp:	40054
Ion Ratio	Lower	Upper	
83	100		
131	11.7	5.5	16.7
85	63.0	32.4	97.0

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#76

1,2,3-Trichloropropane

Concen: 19.931 ug/l m

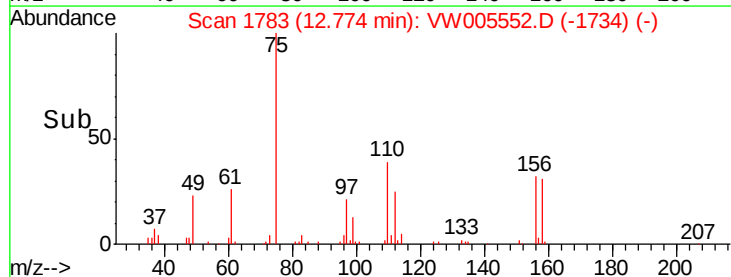
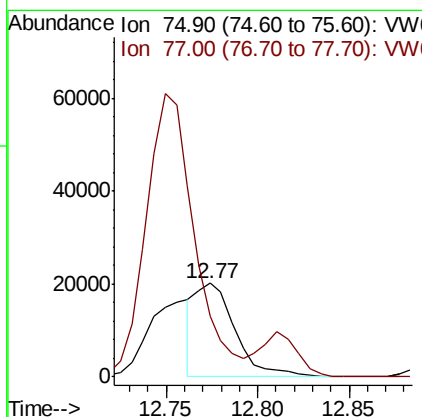
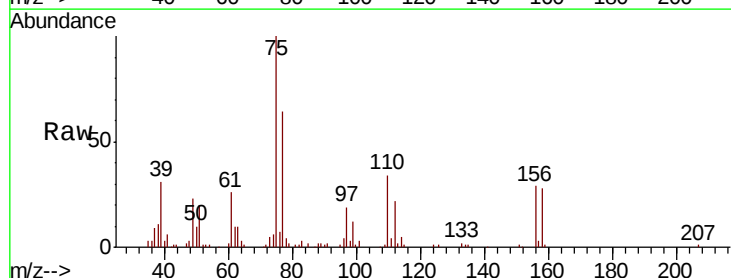
RT: 12.77 min Scan# 1783

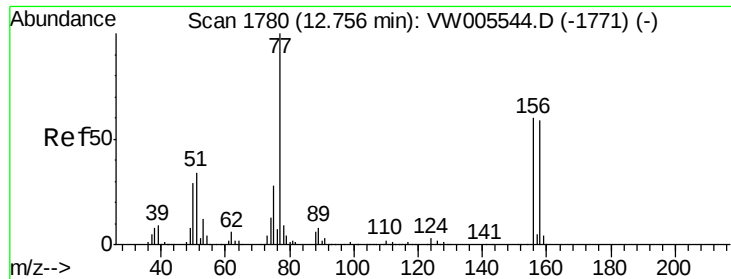
Delta R.T. -0.00 min

Lab File: VW005552.D

Acq: 21 Sep 2018 11:48

Tgt Ion:	75	Resp:	30446
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





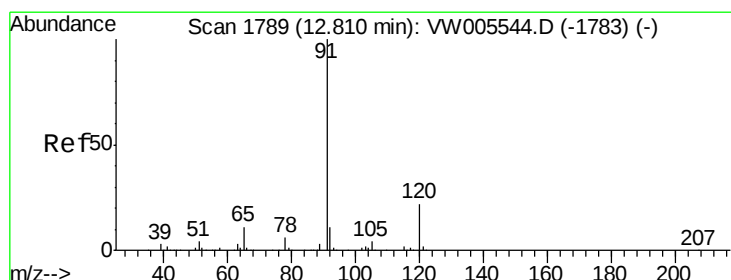
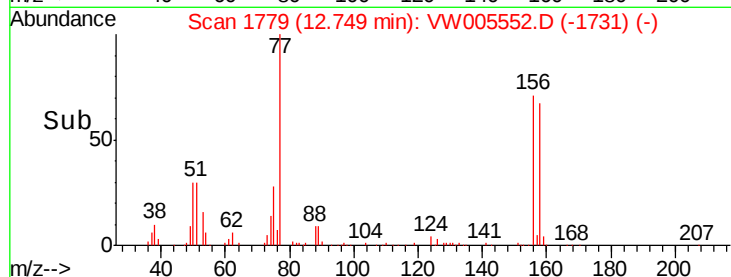
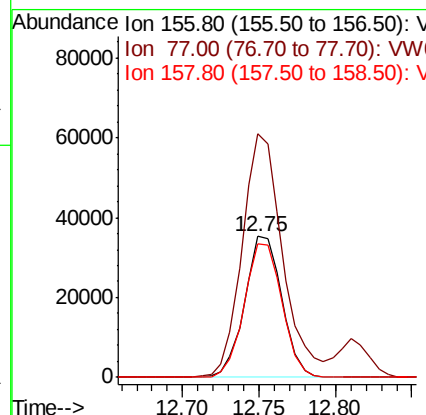
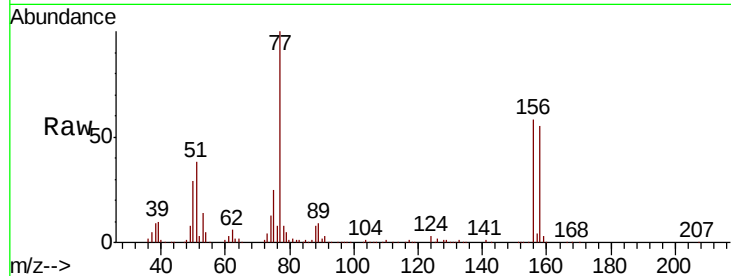
#77
Bromobenzene
Concen: 20.480 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. -0.01 min
Lab File: VW005552.D
Acq: 21 Sep 2018 11:48

Instrument :
MSVOA_W
ClientSampleId :
VW0922SBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	187.7	94.7	284.1
158	96.3	48.0	144.2

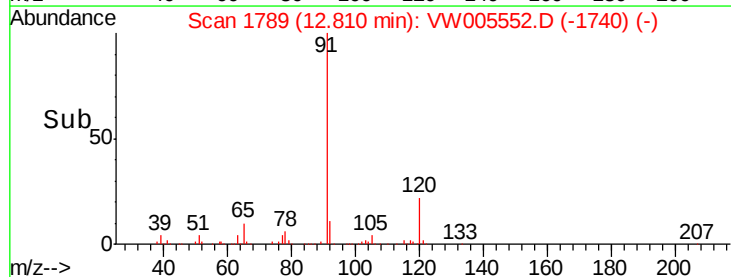
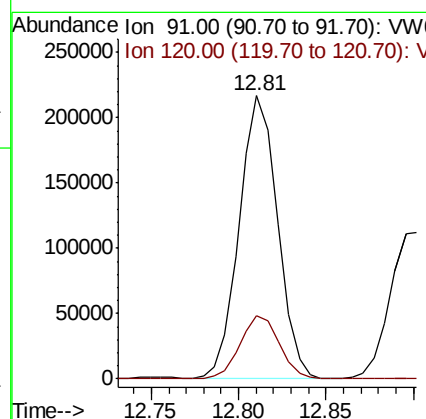
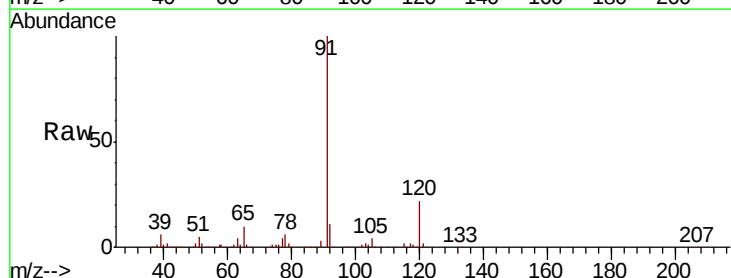
Manual Integrations
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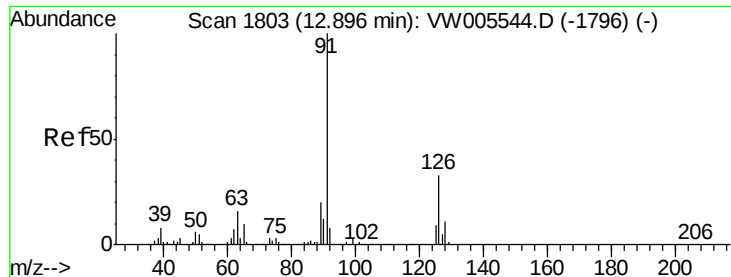
apatel
9/24/2018 9:35:33 AM



#78
n-propylbenzene
Concen: 21.969 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VW005552.D
Acq: 21 Sep 2018 11:48

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.7	11.2	33.5





#79

2-Chlorotoluene

Concen: 21.303 ug/l

RT: 12.90 min Scan# 1804

Delta R.T. 0.01 min

Lab File: VW005552.D

Acq: 21 Sep 2018 11:48

Instrument :

MSVOA_W

ClientSampled :

VW0922SBS01

Tot Ion: 91 Resp: 185429

Ion Ratio Lower Upper

91 100

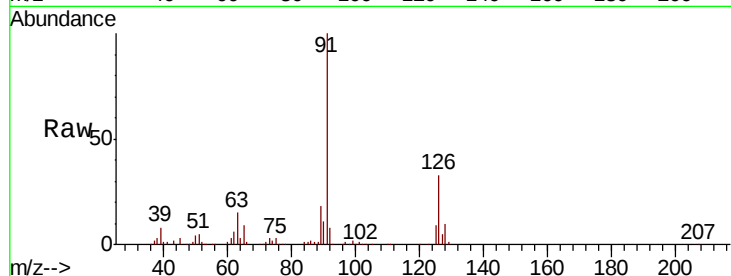
126 33.1 16.4 49.1

Manual Integrations

APPROVED

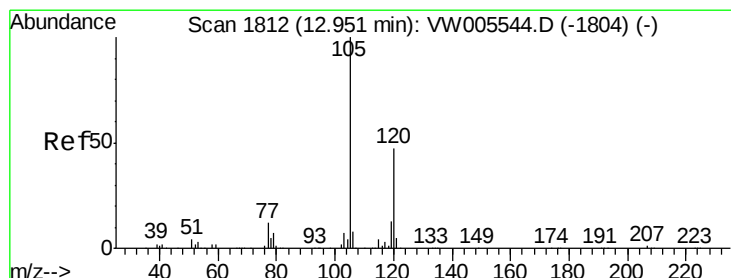
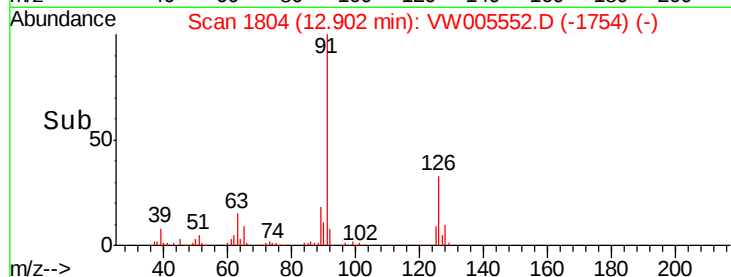
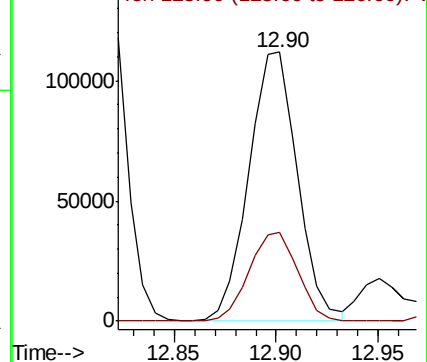
apatel

9/24/2018 9:35:33 AM



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 21.757 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW005552.D

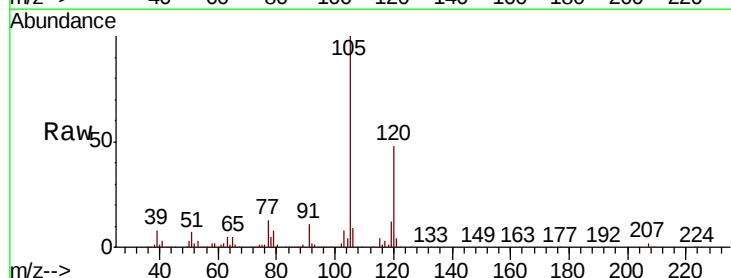
Acq: 21 Sep 2018 11:48

Tgt Ion:105 Resp: 235099

Ion Ratio Lower Upper

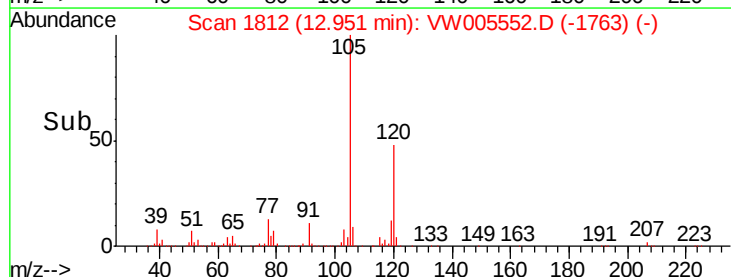
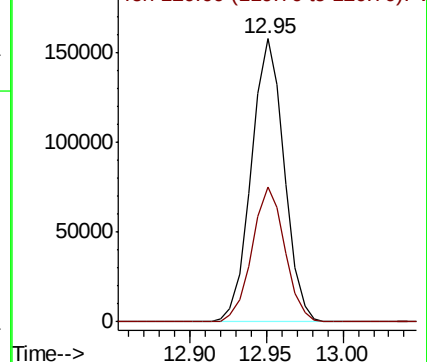
105 100

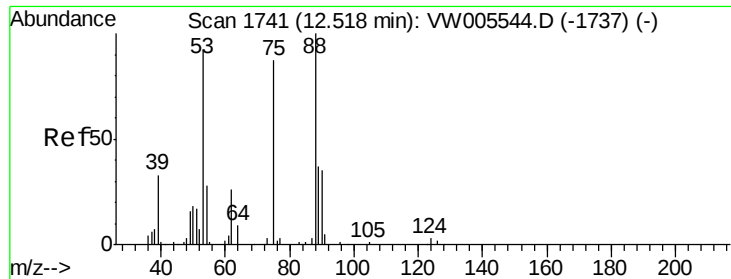
120 47.8 23.6 70.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





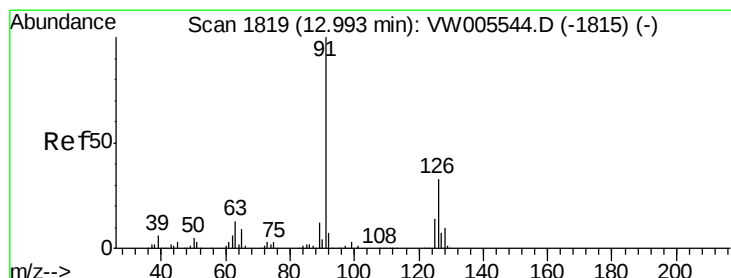
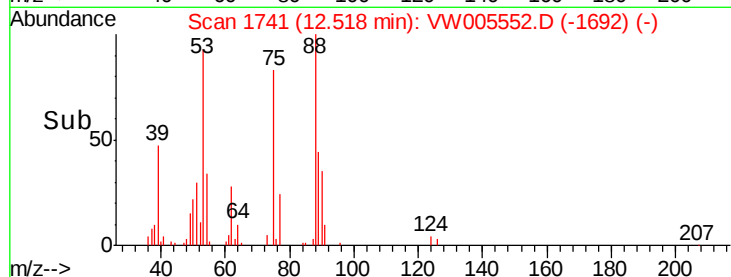
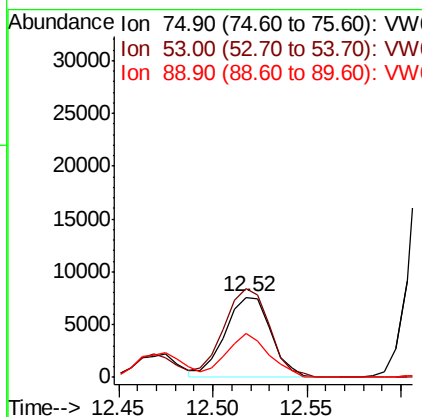
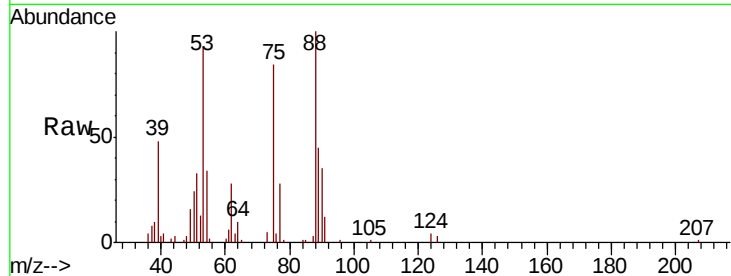
#81
trans-1,4-Dichloro-2-butene
Concen: 19.034 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW005552.D
Acq: 21 Sep 2018 11:48

Instrument :
MSVOA_W
ClientSampleId :
VW0922SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	109.9	85.8	128.6
89	50.2	37.3	55.9

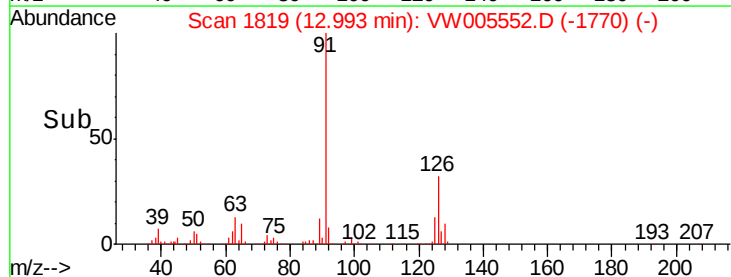
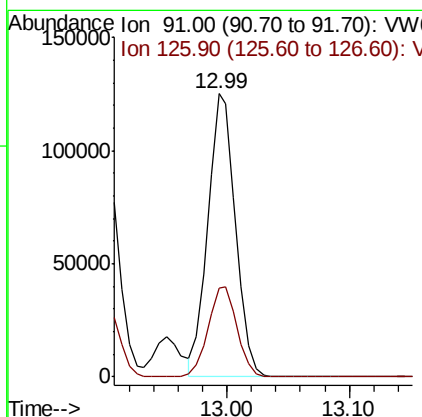
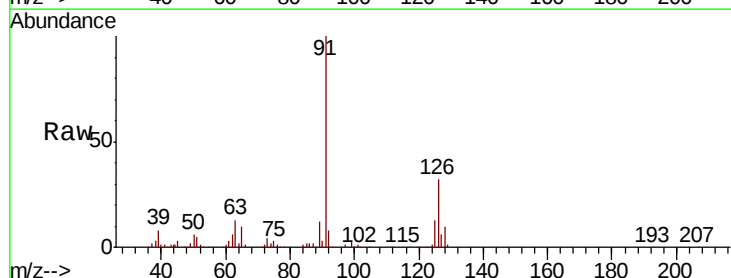
Manual Integrations
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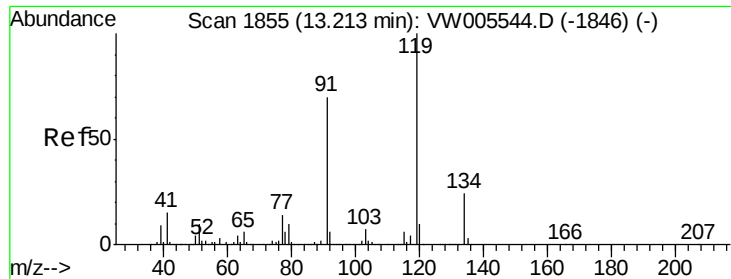
apatel
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#82
4-Chlorotoluene
Concen: 21.336 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW005552.D
Acq: 21 Sep 2018 11:48

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.4	16.4	49.4





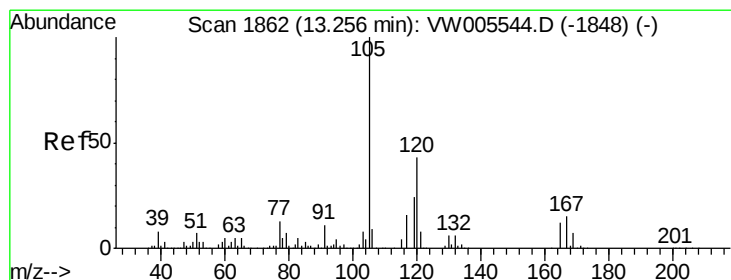
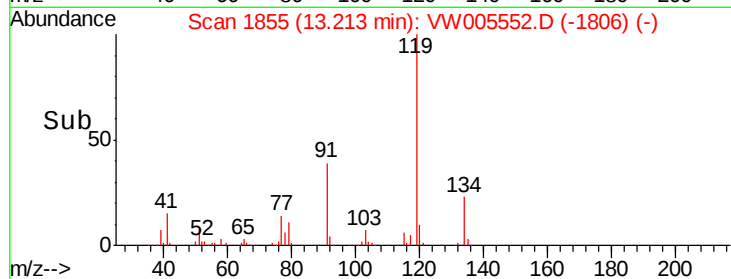
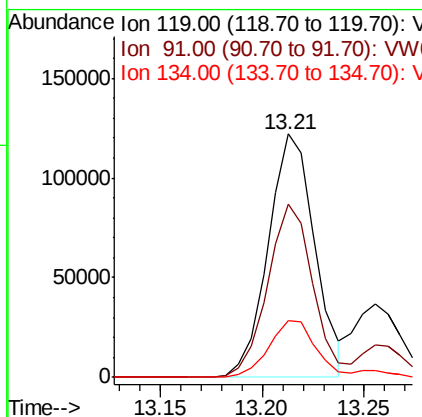
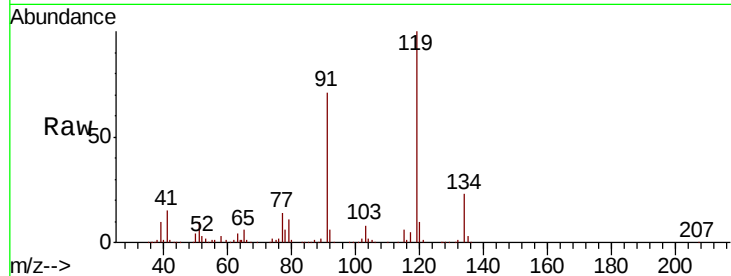
#83
 tert-Butylbenzene
 Concen: 21.429 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW005552.D
 Acq: 21 Sep 2018 11:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0922SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	194536		
91	69.6	34.6	103.8	
134	23.7	12.6	37.6	

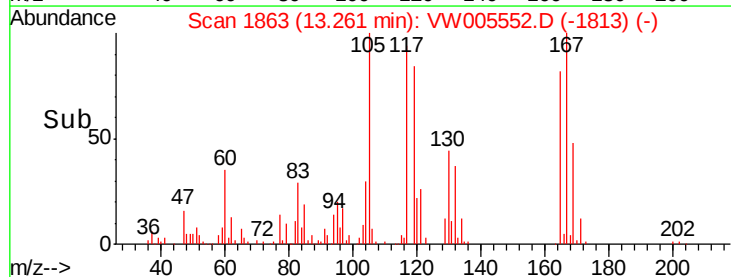
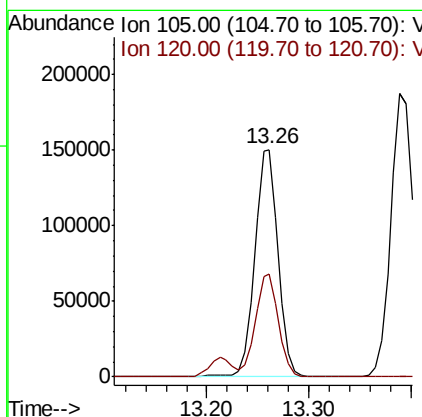
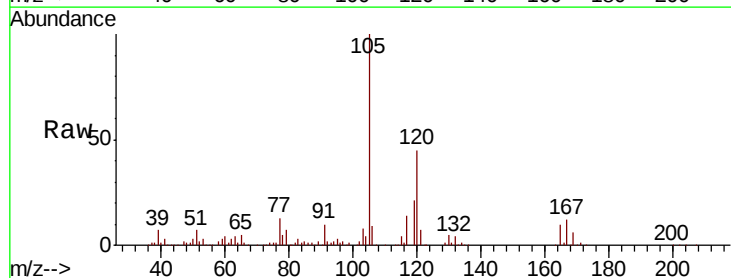
Manual Integrations
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#84
 1,2,4-Trimethylbenzene
 Concen: 21.983 ug/l
 RT: 13.26 min Scan# 1863
 Delta R.T. 0.01 min
 Lab File: VW005552.D
 Acq: 21 Sep 2018 11:48

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	239715		
120	44.5	21.5	64.5	





#85

sec-Butylbenzene

Concen: 22.074 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW005552.D

Acq: 21 Sep 2018 11:48

Instrument :

MSVOA_W

ClientSampleId :

VW0922SBS01

Tot Ion:105 Resp: 290627

Ion Ratio Lower Upper

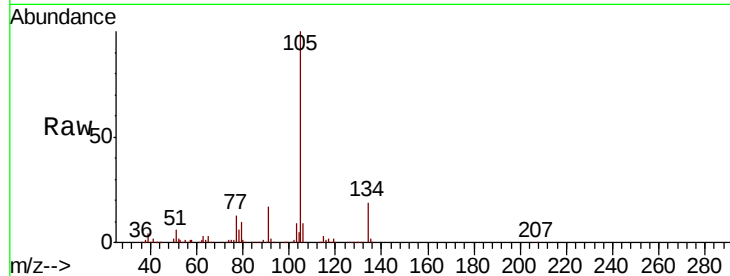
105 100

134 19.7 9.8 29.5

Manual Integrations
APPROVED

apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.39

200000

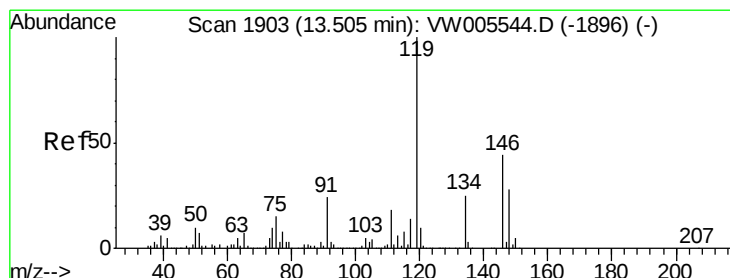
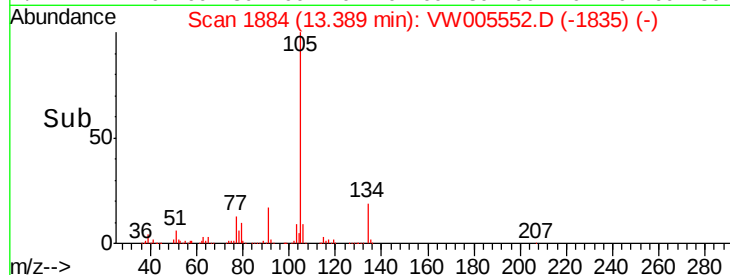
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 22.040 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW005552.D

Acq: 21 Sep 2018 11:48

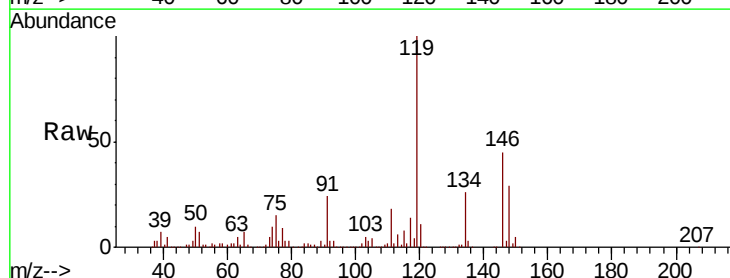
Tgt Ion:119 Resp: 260096

Ion Ratio Lower Upper

119 100

134 25.4 12.7 38.1

91 24.5 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

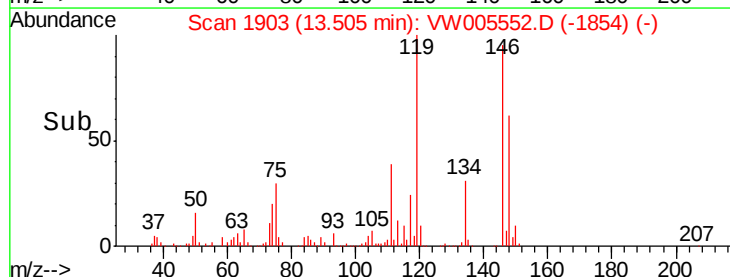
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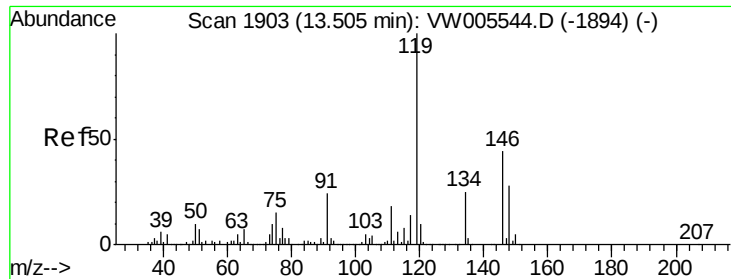
100000

50000

0

Time-->





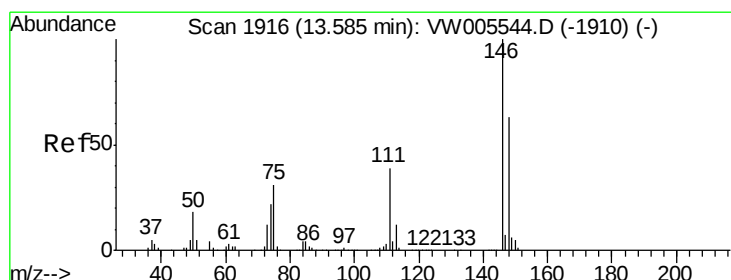
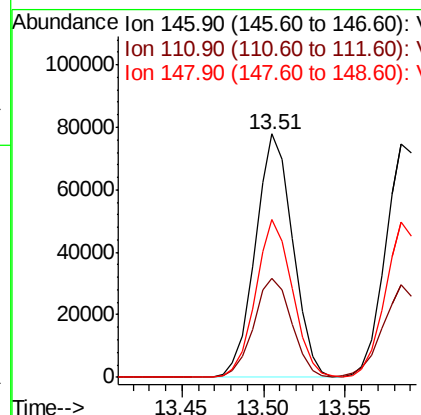
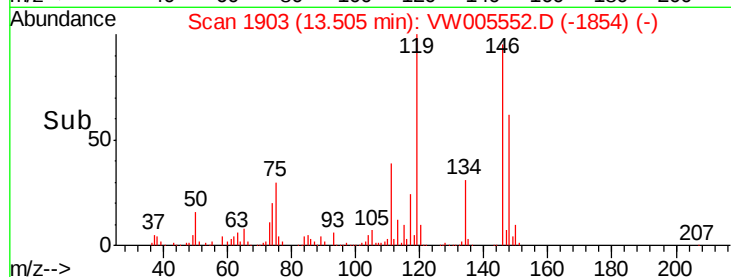
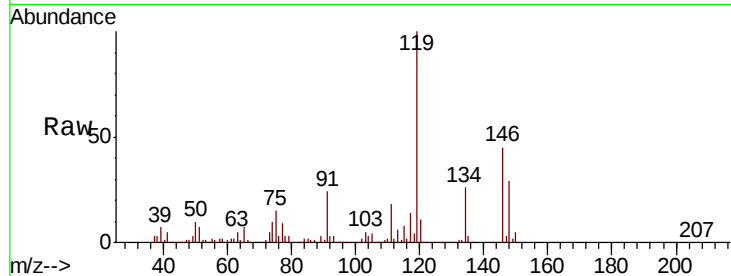
#87
 1,3-Dichlorobenzene
 Concen: 20.761 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005552.D
 Acq: 21 Sep 2018 11:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0922SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100			
111	41.4	20.3	60.9	
148	63.9	31.8	95.4	

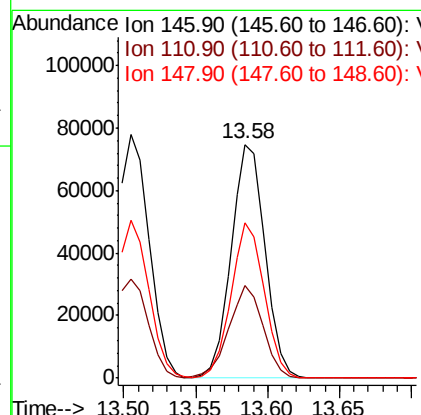
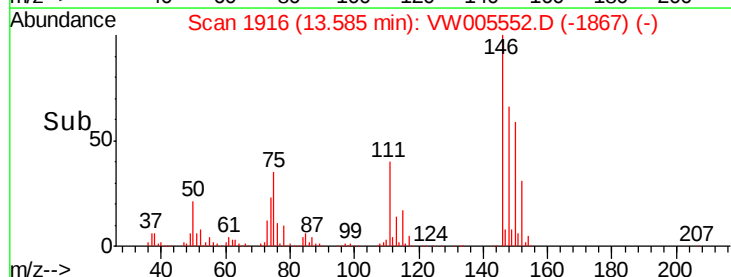
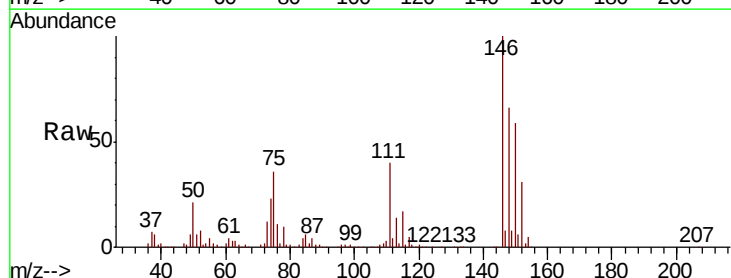
Manual Integrations
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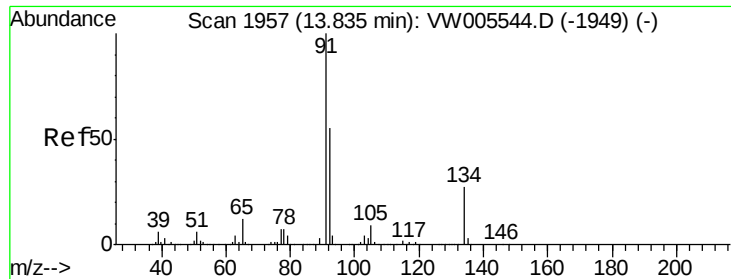
apatel
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#88
 1,4-Dichlorobenzene
 Concen: 20.690 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW005552.D
 Acq: 21 Sep 2018 11:48

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
111	40.2	19.9	59.7	
148	65.5	32.1	96.3	





#89

n-Butylbenzene

Concen: 22.084 ug/l

RT: 13.83 min Scan# 1957

Delta R.T. -0.00 min

Lab File: VW005552.D

Acq: 21 Sep 2018 11:48

Instrument :

MSVOA_W

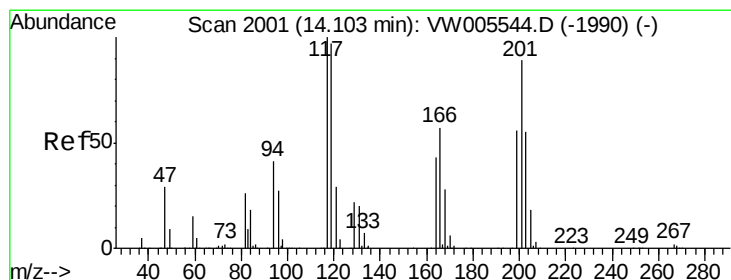
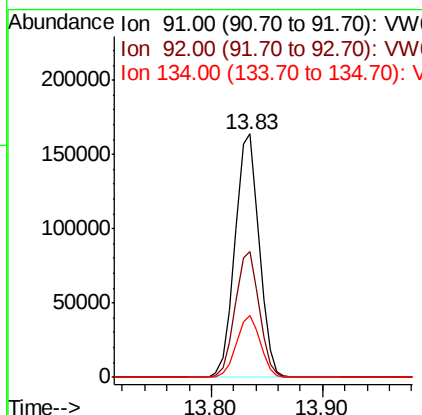
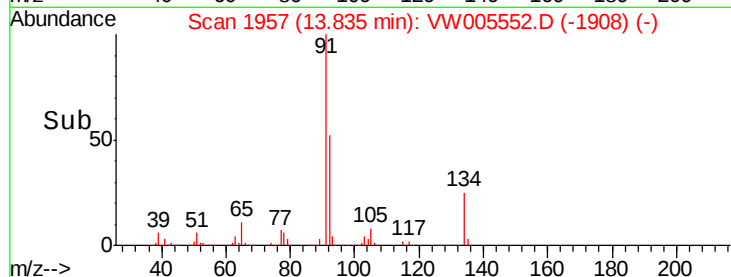
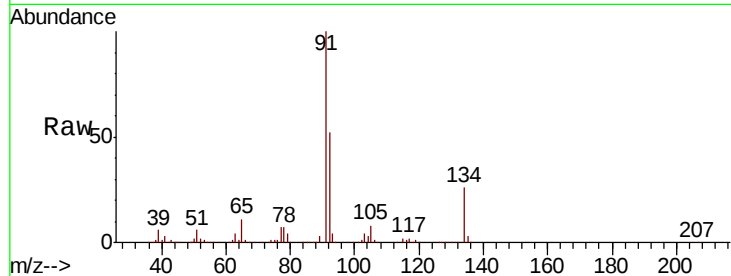
ClientSampleId :

VW0922SBS01

Tot Ion:	91	Resp:	245820
Ion Ratio	Lower	Upper	
91	100		
92	51.7	26.5	79.5
134	25.1	12.9	38.7

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#90

Hexachloroethane

Concen: 20.662 ug/l

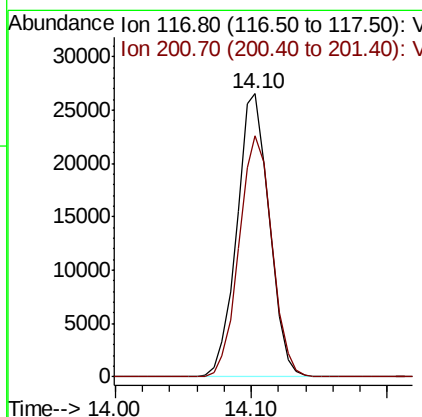
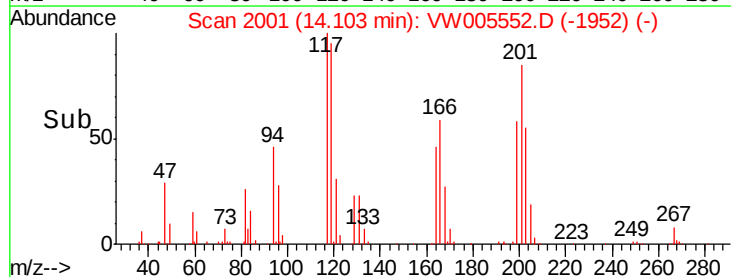
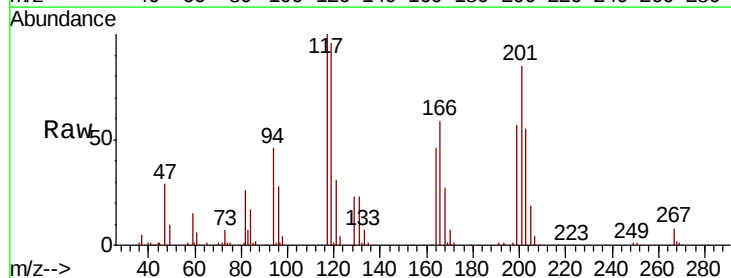
RT: 14.10 min Scan# 2001

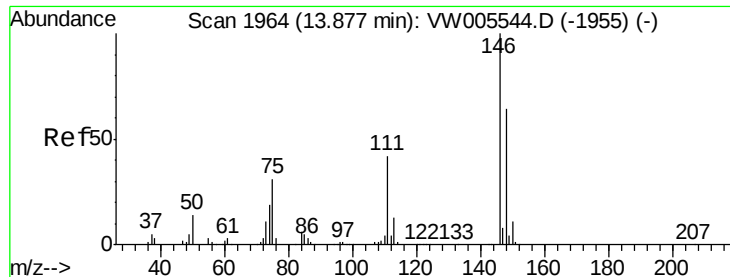
Delta R.T. -0.00 min

Lab File: VW005552.D

Acq: 21 Sep 2018 11:48

Tgt Ion:	117	Resp:	44195
Ion Ratio	Lower	Upper	
117	100		
201	86.1	42.8	128.3





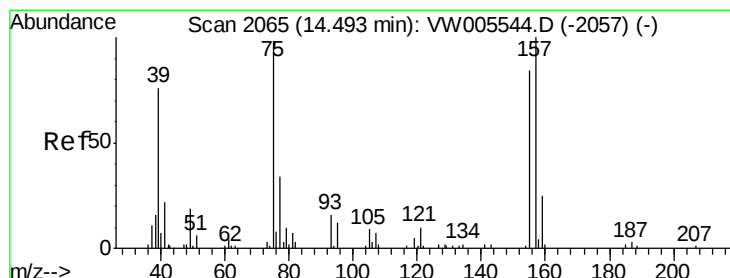
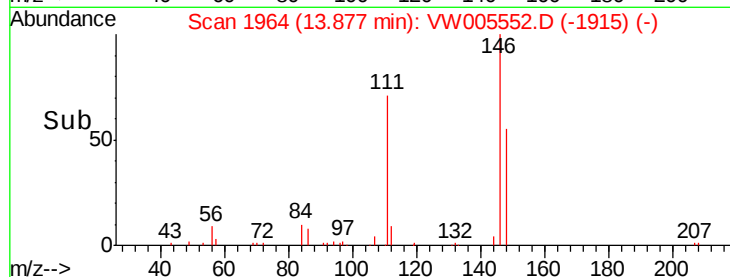
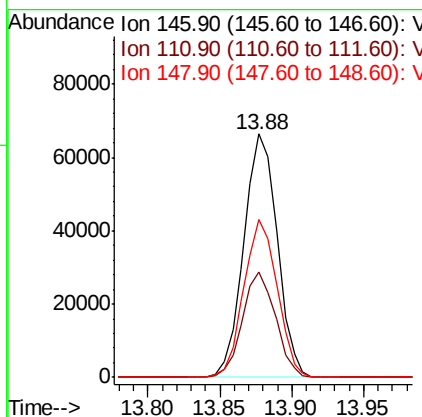
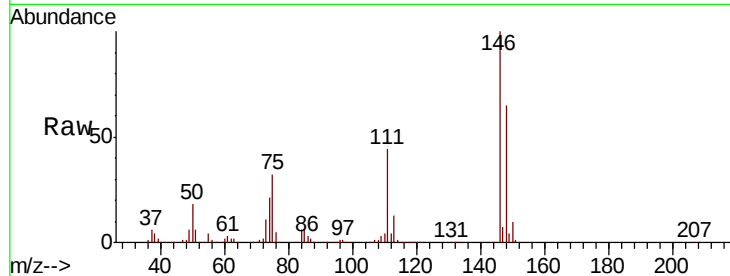
#91
 1,2-Dichlorobenzene
 Concen: 20.310 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW005552.D
 Acq: 21 Sep 2018 11:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0922SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.0	21.3	63.9
148	64.8	32.0	96.2

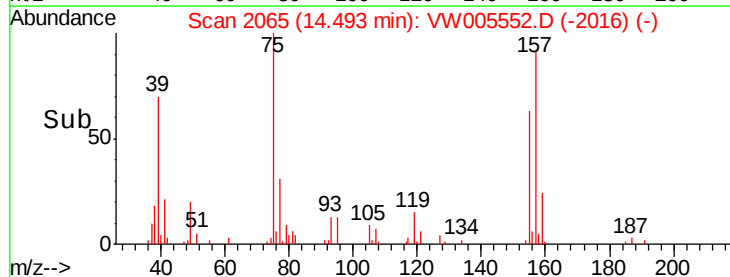
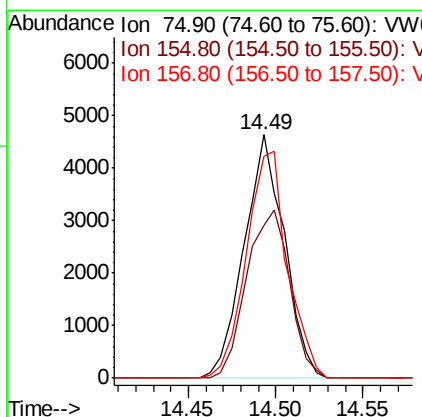
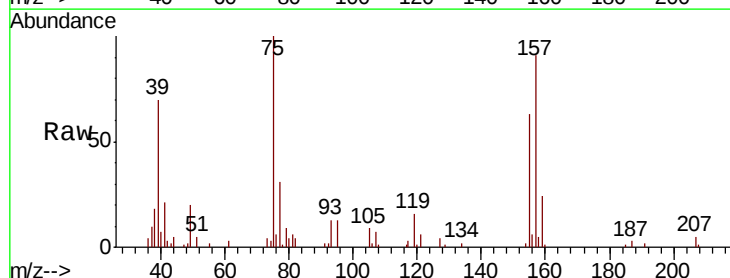
Manual Integrations
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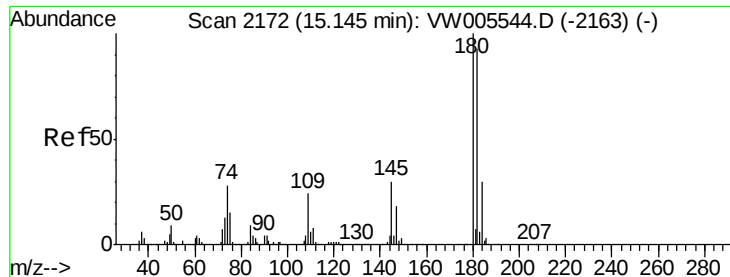
apatel
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.829 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW005552.D
 Acq: 21 Sep 2018 11:48

Tgt Ion	Ratio	Lower	Upper
75	100		
155	74.0	39.1	117.5
157	95.4	50.8	152.4





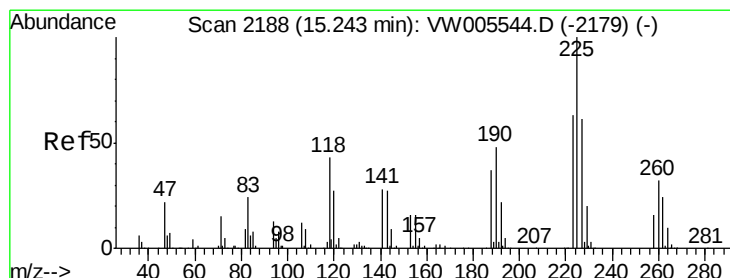
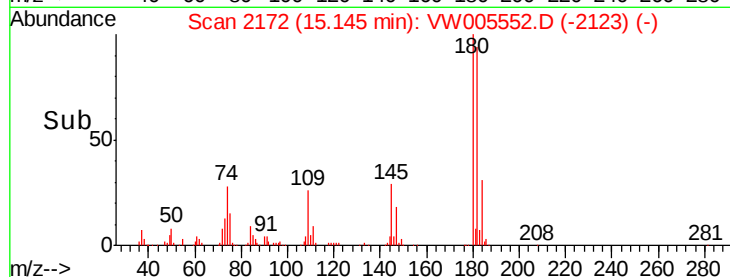
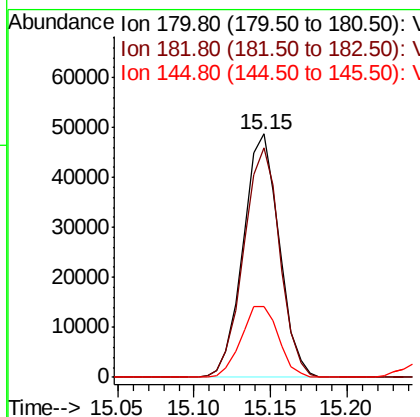
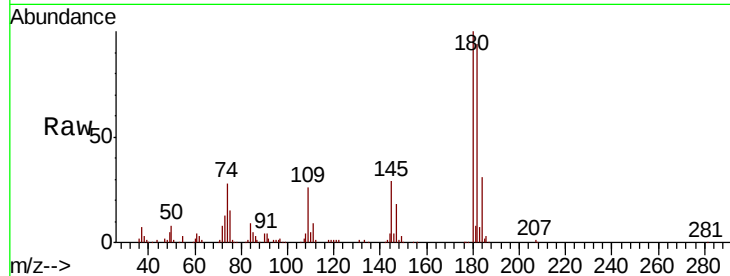
#93
 1,2,4-Trichlorobenzene
 Concen: 21.276 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. -0.00 min
 Lab File: VW005552.D
 Acq: 21 Sep 2018 11:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0922SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	79795		
182	94.6	47.7	143.1	
145	30.3	15.0	45.1	

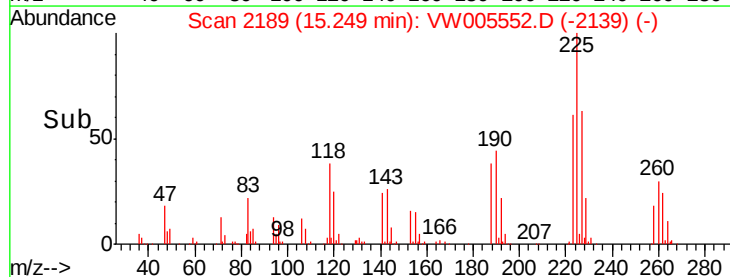
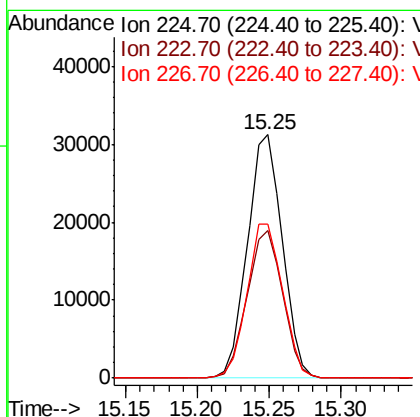
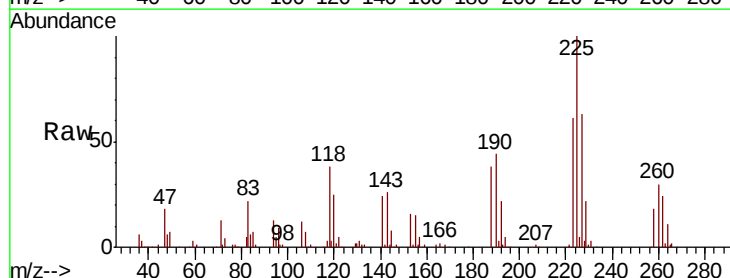
Manual Integrations
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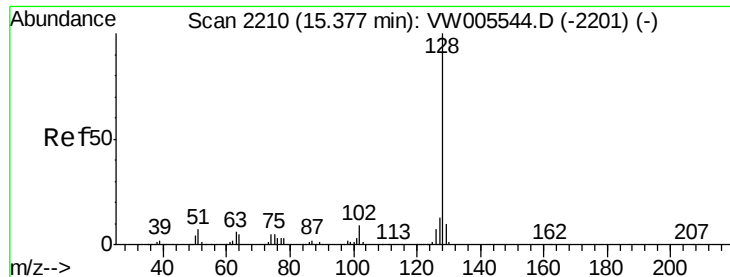
apatel
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#94
 Hexachlorobutadiene
 Concen: 21.494 ug/l
 RT: 15.25 min Scan# 2189
 Delta R.T. 0.01 min
 Lab File: VW005552.D
 Acq: 21 Sep 2018 11:48

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	52225		
223	61.9	31.1	93.3	
227	64.5	31.8	95.3	





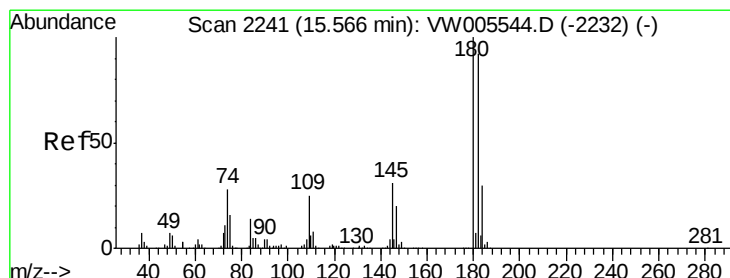
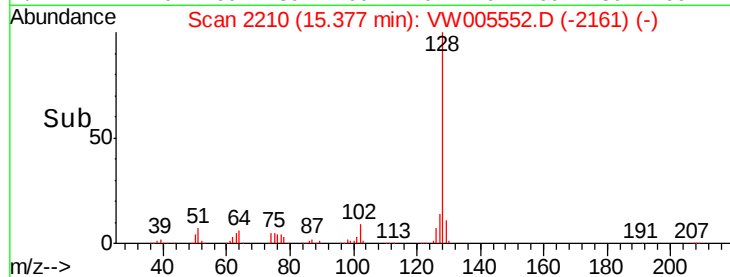
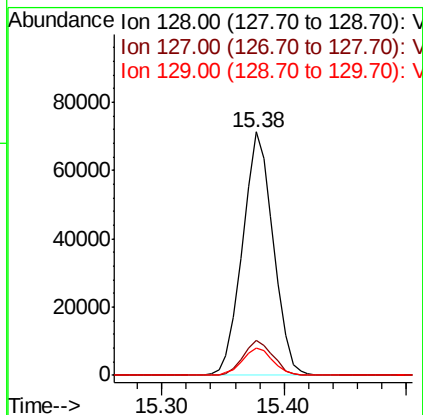
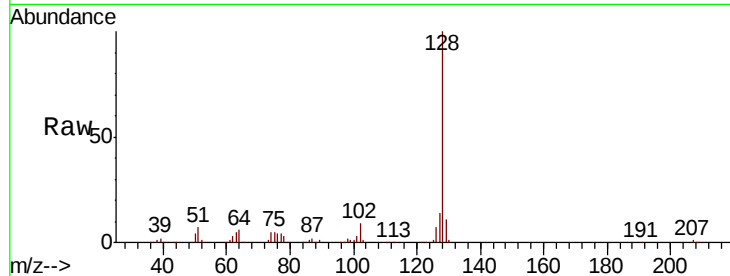
#95
Naphthalene
Concen: 19.635 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW005552.D
Acq: 21 Sep 2018 11:48

Instrument :
MSVOA_W
ClientSampleId :
VW0922SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.0	10.9	16.3
129	11.3	8.6	13.0

Manual Integrations
APPROVED

apatel
9/24/2018 9:35:33 AM



#96
1,2,3-Trichlorobenzene
Concen: 20.575 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW005552.D
Acq: 21 Sep 2018 11:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	47.3	141.9
145	32.3	16.0	47.9

