

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071118\
 Data File : VW003873.D
 Acq On : 11 Jul 2018 19:41
 Operator : SY/AP
 Sample : VW0711SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0711SBSD01

Manual Integrations
 APPROVED

apatel
 7/12/2018 10:59:03 AM

Quant Time: Jul 12 02:25:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 07 05:07:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	221989	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	348103	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	320114	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	173294	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	138545	47.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.44%	
35) Dibromofluoromethane	7.88	113	117851	48.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.74%	
50) Toluene-d8	10.32	98	472101	50.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.32%	
62) 4-Bromofluorobenzene	12.62	95	170690	50.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	21357	19.782	ug/l	98
3) Chloromethane	2.20	50	40793	19.903	ug/l	90
4) Vinyl Chloride	2.36	62	55621	20.575	ug/l	100
5) Bromomethane	2.78	94	38360	20.102	ug/l	99
6) Chloroethane	2.92	64	33073	20.400	ug/l	95
7) Trichlorofluoromethane	3.25	101	24654	22.575	ug/l	100
8) Diethyl Ether	3.67	74	20136	17.991	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.05	101	39362	18.534	ug/l	98
10) Methyl Iodide	4.26	142	54792	17.332	ug/l	97
11) Tert butyl alcohol	5.23	59	15405	97.920	ug/l	98
12) 1,1-Dichloroethene	4.03	96	37753	18.104	ug/l	94
13) Acrolein	3.89	56	14511	61.755	ug/l	98
14) Allyl chloride	4.65	41	61907	17.075	ug/l	96
15) Acrylonitrile	5.38	53	59750	106.607	ug/l	99
16) Acetone	4.14	43	43484	86.336	ug/l	99
17) Carbon Disulfide	4.37	76	116279	17.008	ug/l	100
18) Methyl Acetate	4.67	43	22301	15.705	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	88252	20.480	ug/l	100
20) Methylene Chloride	4.91	84	76624	29.412	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	51629	20.913	ug/l	98
22) Diisopropyl ether	6.31	45	167994	21.077	ug/l	98
23) Vinyl Acetate	6.26	43	506198	104.035	ug/l	98
24) 1,1-Dichloroethane	6.21	63	98101	20.350	ug/l	100
25) 2-Butanone	7.18	43	78686	99.745	ug/l	98
26) 2,2-Dichloropropane	7.17	77	55945	21.396	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	56031	20.524	ug/l	100
28) Bromochloromethane	7.51	49	43998	20.488	ug/l	98
29) Tetrahydrofuran	7.54	42	50364	99.314	ug/l	98
30) Chloroform	7.67	83	101001	20.538	ug/l	95
31) Cyclohexane	7.95	56	90553	21.376	ug/l #	95
32) 1,1,1-Trichloroethane	7.87	97	78212	20.897	ug/l	100
36) 1,1-Dichloropropene	8.08	75	79711	21.581	ug/l	100
37) Ethyl Acetate	7.26	43	36894	20.529	ug/l	99
38) Carbon Tetrachloride	8.07	117	75660	21.545	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	89079	22.021	ug/l	99
40) Benzene	8.32	78	223004	21.119	ug/l	100
41) Methacrylonitrile	7.49	41	19964	19.311	ug/l	99
42) 1,2-Dichloroethane	8.40	62	70954	20.762	ug/l	100
43) Isopropyl Acetate	8.43	43	66513	19.527	ug/l	98
44) Trichloroethene	9.09	130	56455	21.207	ug/l	97
45) 1,2-Dichloropropane	9.37	63	57423	20.915	ug/l	97
46) Dibromomethane	9.46	93	29578	20.488	ug/l	99
47) Bromodichloromethane	9.65	83	72501	20.414	ug/l	98
48) Methyl methacrylate	9.44	41	32651	20.128	ug/l	98
49) 1,4-Dioxane	9.48	88	8372	388.018	ug/l #	92
51) 4-Methyl-2-Pentanone	10.21	43	180682	102.510	ug/l	98
52) Toluene	10.39	92	140504	21.459	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	73321	20.677	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	83312	20.812	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	41230	20.563	ug/l	95
56) Ethyl methacrylate	10.65	69	49301	20.149	ug/l	97
57) 1,3-Dichloropropane	10.94	76	72819	20.837	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	108638	93.054	ug/l	100
59) 2-Hexanone	10.98	43	123206	101.794	ug/l	99
60) Dibromochloromethane	11.13	129	46314	19.788	ug/l	99
61) 1,2-Dibromoethane	11.24	107	38808	20.239	ug/l	100
64) Tetrachloroethene	10.87	164	48640	20.542	ug/l	99
65) Chlorobenzene	11.66	112	151545	21.475	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	50669	20.547	ug/l	99
67) Ethyl Benzene	11.74	91	262787	21.778	ug/l	100
68) m/p-Xylenes	11.84	106	204578	44.274	ug/l	98
69) o-Xylene	12.17	106	94788	22.232	ug/l	98
70) Styrene	12.19	104	160405	22.124	ug/l	100
71) Bromoform	12.35	173	28128	20.668	ug/l #	100
73) Isopropylbenzene	12.47	105	260644	22.209	ug/l	99
74) N-amyl acetate	12.28	43	65273	20.519	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	49950	20.995	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	33963m	19.958	ug/l	
77) Bromobenzene	12.75	156	61549	21.125	ug/l	99
78) n-propylbenzene	12.81	91	332331	22.558	ug/l	100
79) 2-Chlorotoluene	12.90	91	184579	21.808	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	226743	22.417	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	14582	20.962	ug/l	97
82) 4-Chlorotoluene	12.99	91	201858	22.179	ug/l	99
83) tert-Butylbenzene	13.21	119	185843	22.278	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	234129	22.281	ug/l	99
85) sec-Butylbenzene	13.39	105	278248	22.297	ug/l	100
86) p-Isopropyltoluene	13.51	119	244598	22.431	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	127324	21.569	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	125359	21.118	ug/l	99
89) n-Butylbenzene	13.84	91	236519	22.051	ug/l	99
90) Hexachloroethane	14.10	117	43932	20.915	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	113361	21.336	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8262	20.062	ug/l	98

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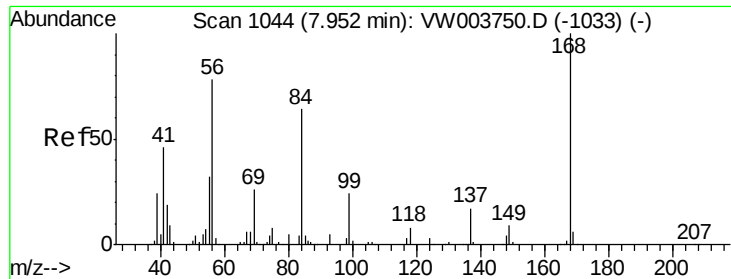
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	76410	21.247	ug/l	99
94) Hexachlorobutadiene	15.24	225	43744	21.265	ug/l	97
95) Naphthalene	15.38	128	136926	21.303	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	69242	21.503	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW003873.D

Acq: 11 Jul 2018 19:41

Instrument :

MSVOA_W

ClientSampleId :

VW0711SBSD01

Tot Ion:168 Resp: 221989

Ion Ratio Lower Upper

168 100

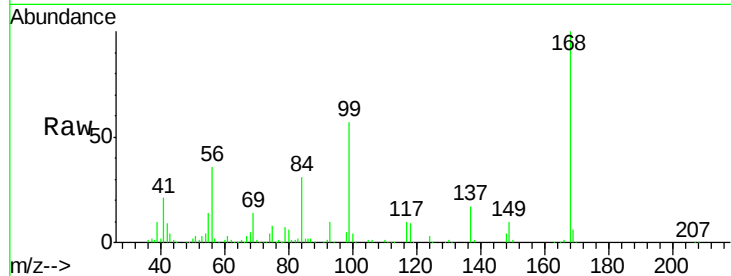
99 57.1 45.0 67.6

Manual Integrations

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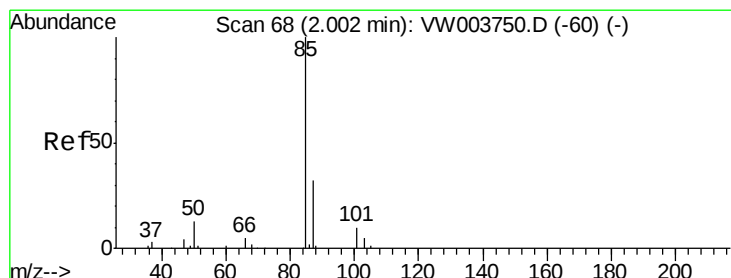
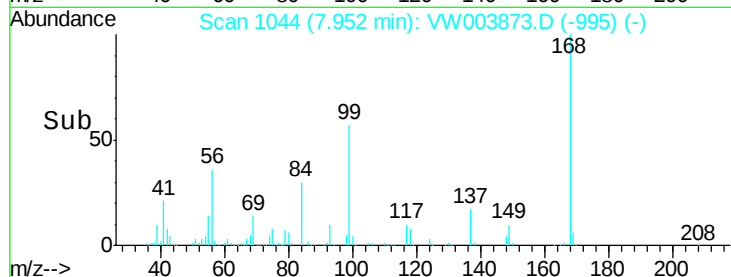
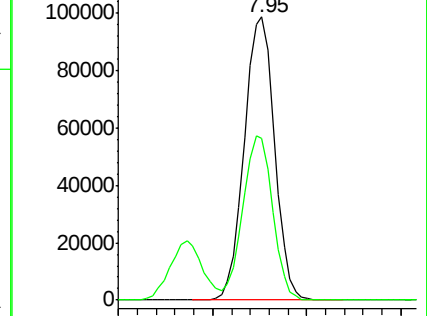
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 19.782 ug/l

RT: 2.00 min Scan# 68

Delta R.T. -0.00 min

Lab File: VW003873.D

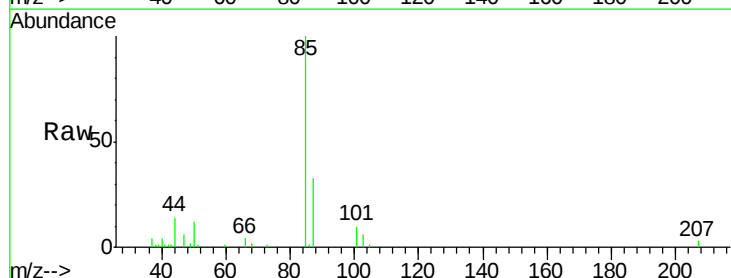
Acq: 11 Jul 2018 19:41

Tgt Ion: 85 Resp: 21357

Ion Ratio Lower Upper

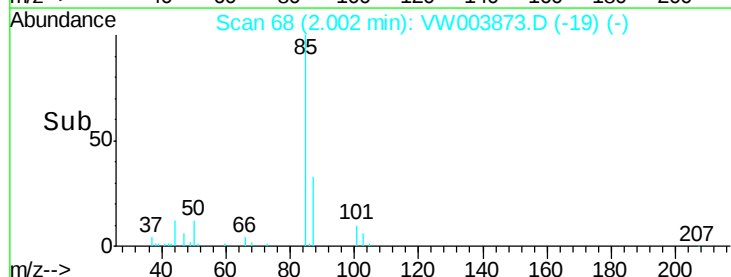
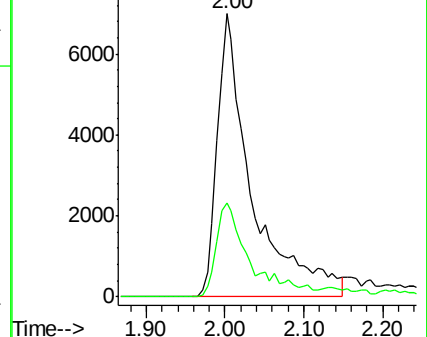
85 100

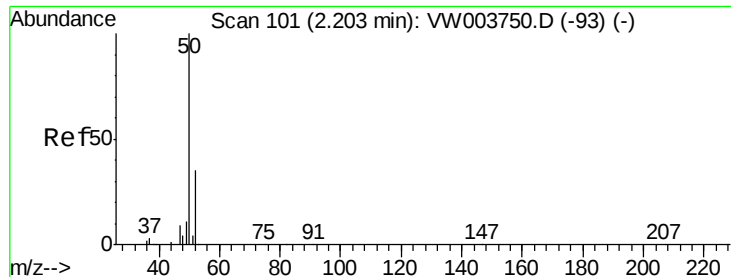
87 33.2 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 19.903 ug/l

RT: 2.20 min Scan# 101

Delta R.T. -0.00 min

Lab File: VW003873.D

Acq: 11 Jul 2018 19:41

Instrument :

MSVOA_W

ClientSampleId :

VW0711SBSD01

Tot Ion: 50 Resp: 40793

Ion Ratio Lower Upper

50 100

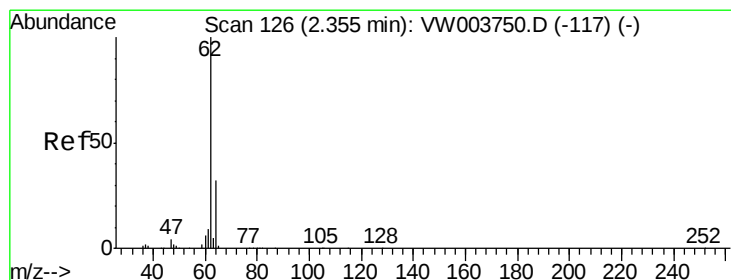
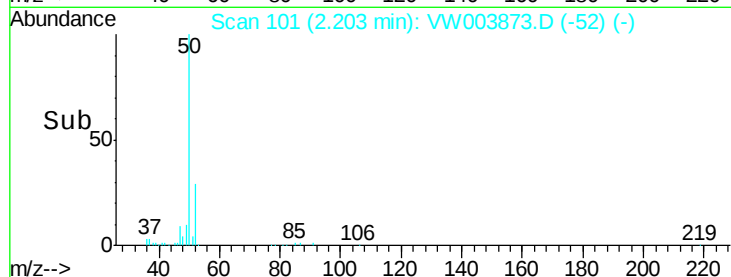
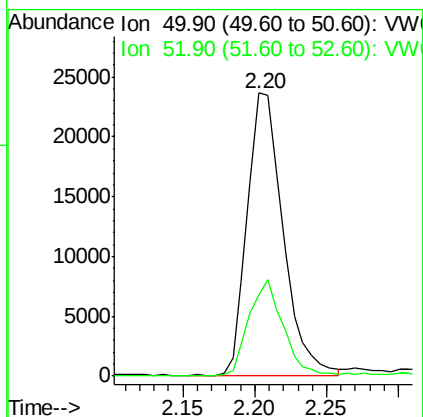
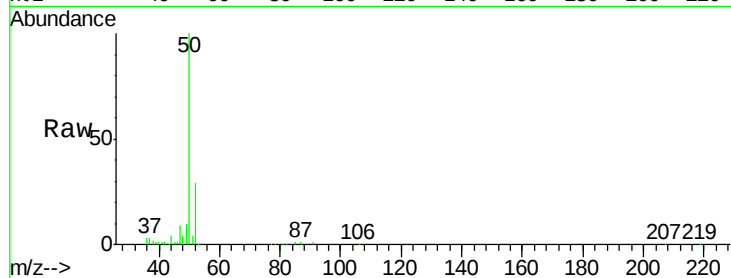
52 28.9 27.8 41.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 20.575 ug/l

RT: 2.36 min Scan# 126

Delta R.T. -0.00 min

Lab File: VW003873.D

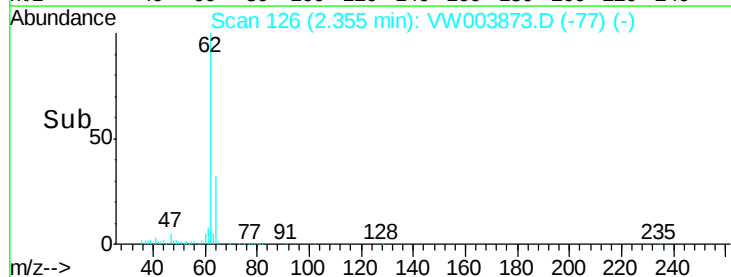
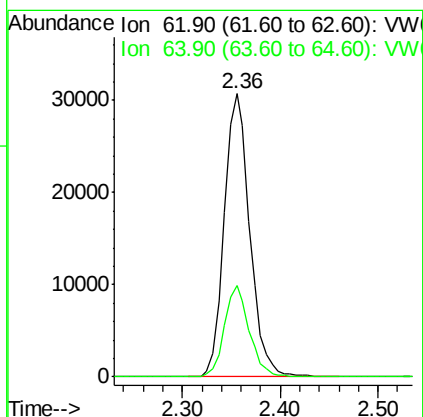
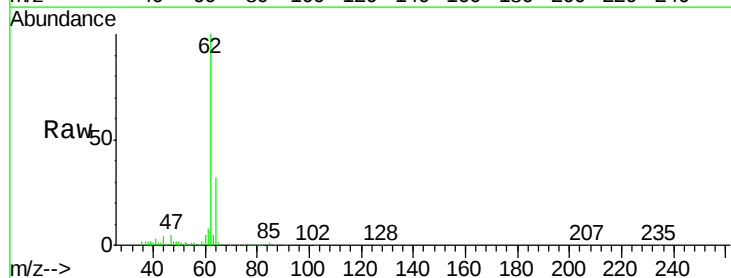
Acq: 11 Jul 2018 19:41

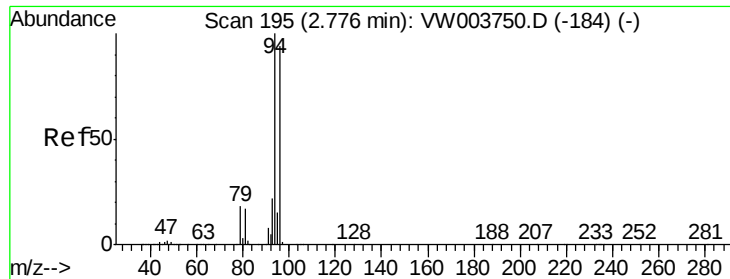
Tgt Ion: 62 Resp: 55621

Ion Ratio Lower Upper

62 100

64 32.4 25.8 38.8





#5

Bromomethane

Concen: 20.102 ug/l

RT: 2.78 min Scan# 195

Delta R.T. -0.00 min

Lab File: VW003873.D

Acq: 11 Jul 2018 19:41

Instrument :

MSVOA_W

ClientSampleId :

VW0711SBSD01

Tot Ion: 94 Resp: 38360

Ion Ratio Lower Upper

94 100

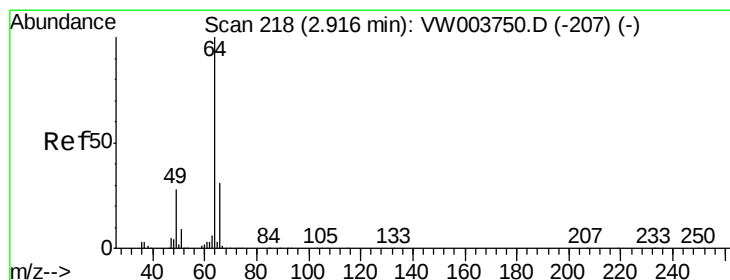
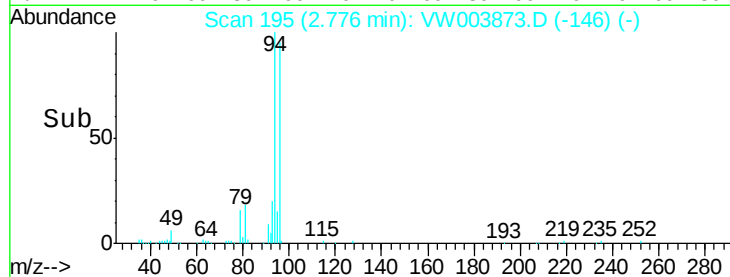
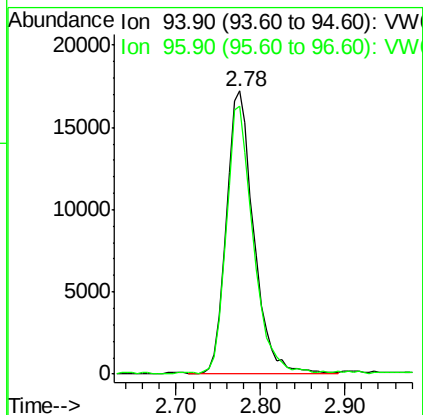
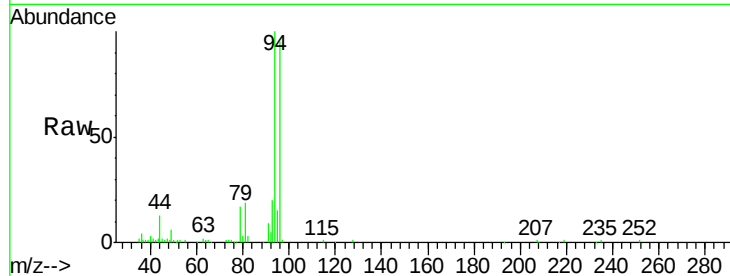
96 94.1 74.8 112.2

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#6

Chloroethane

Concen: 20.400 ug/l

RT: 2.92 min Scan# 218

Delta R.T. -0.00 min

Lab File: VW003873.D

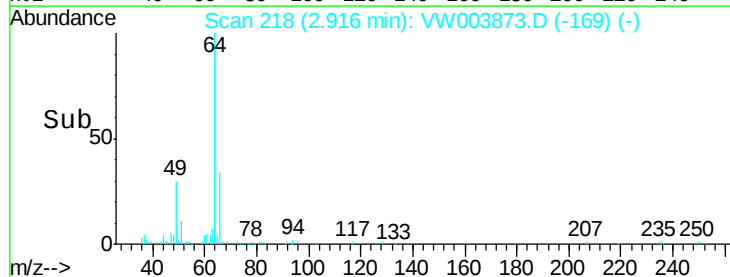
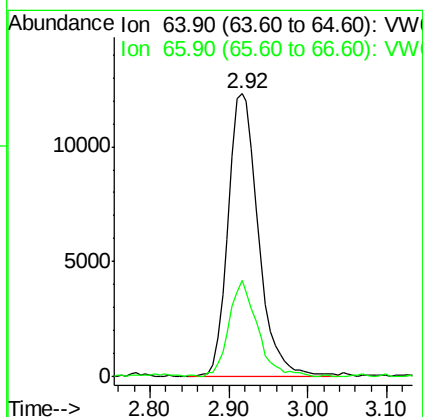
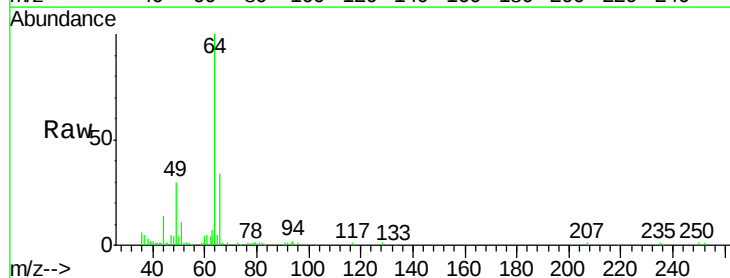
Acq: 11 Jul 2018 19:41

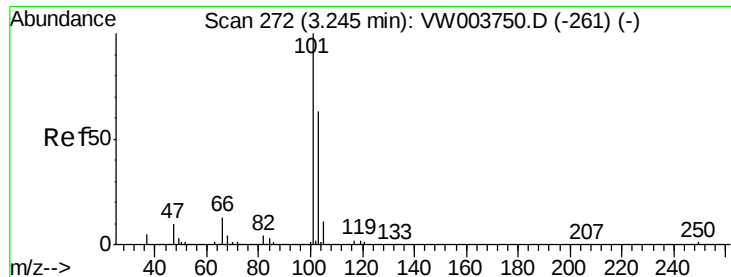
Tgt Ion: 64 Resp: 33073

Ion Ratio Lower Upper

64 100

66 34.0 25.1 37.7





#7

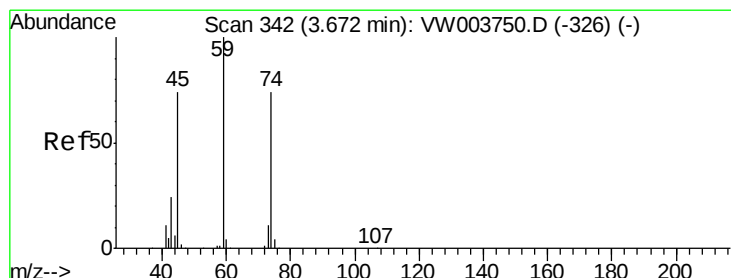
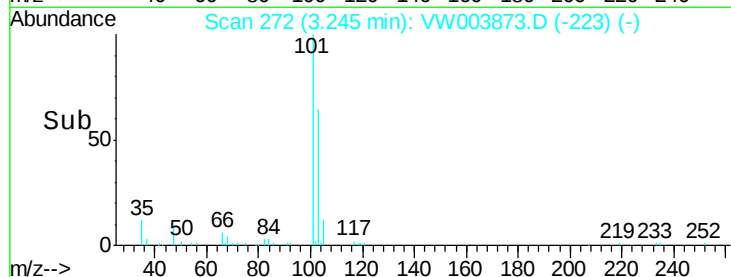
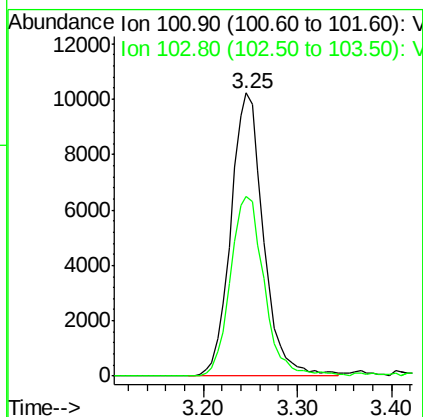
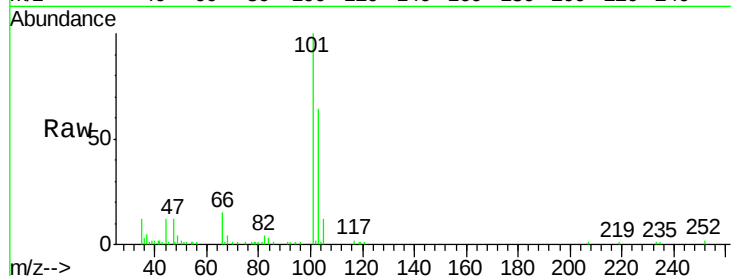
Trichlorofluoromethane
 Concen: 22.575 ug/l
 RT: 3.25 min Scan# 272
 Delta R.T. -0.00 min
 Lab File: VW003873.D
 Acq: 11 Jul 2018 19:41

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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.7	50.7	76.1

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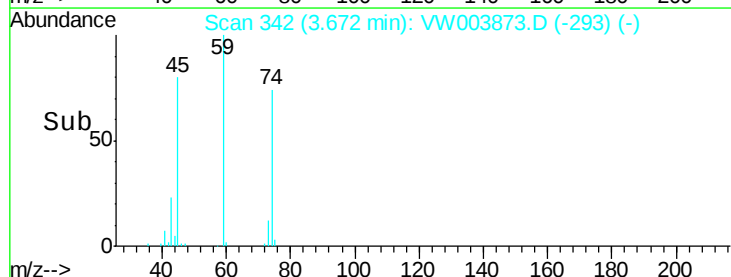
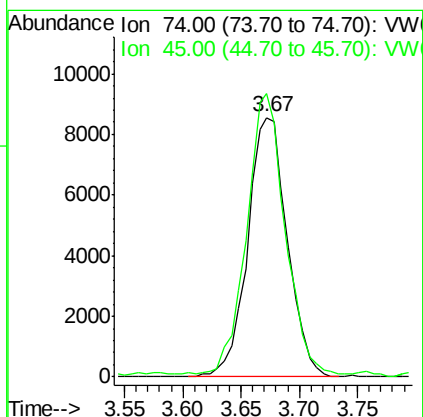
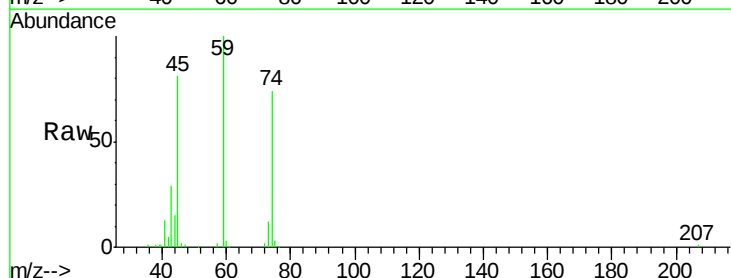
apatel
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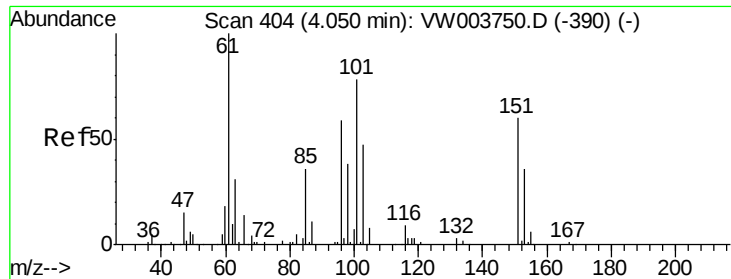


#8

Diethyl Ether
 Concen: 17.991 ug/l
 RT: 3.67 min Scan# 342
 Delta R.T. -0.00 min
 Lab File: VW003873.D
 Acq: 11 Jul 2018 19:41

Tgt Ion	Ratio	Lower	Upper
74	100		
45	105.2	52.4	157.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.534 ug/l

RT: 4.05 min Scan# 404

Delta R.T. -0.00 min

Lab File: VW003873.D

Acq: 11 Jul 2018 19:41

Instrument :

MSVOA_W

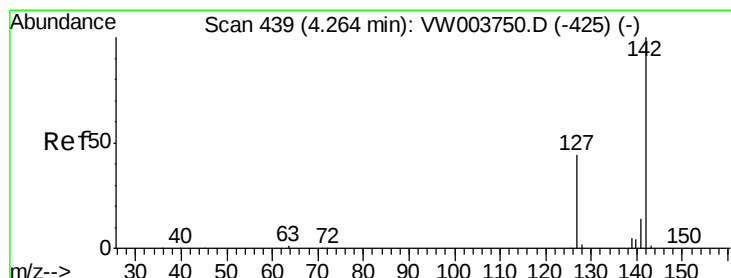
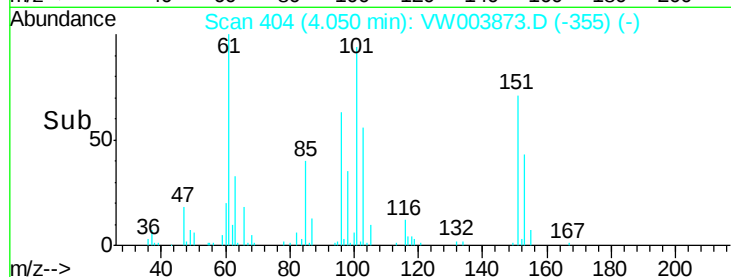
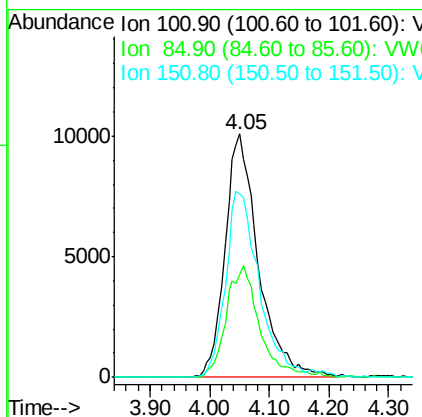
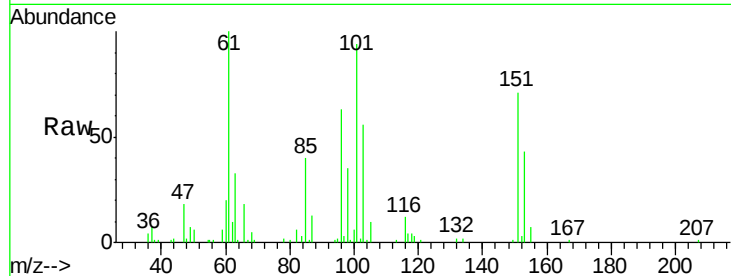
ClientSampleId :

VW0711SBSD01

Tot Ion:	101	Resp:	39362
Ion Ratio	Lower	Upper	
101	100		
85	45.7	37.1	55.7
151	76.3	62.3	93.5

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#10

Methyl Iodide

Concen: 17.332 ug/l

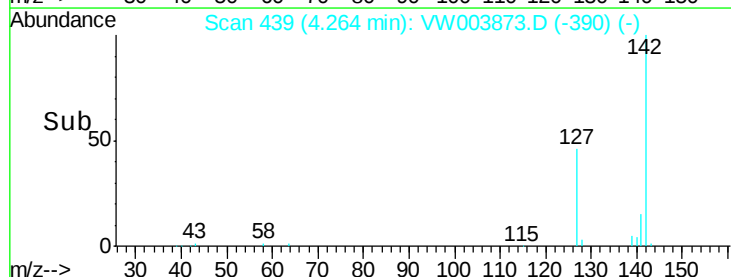
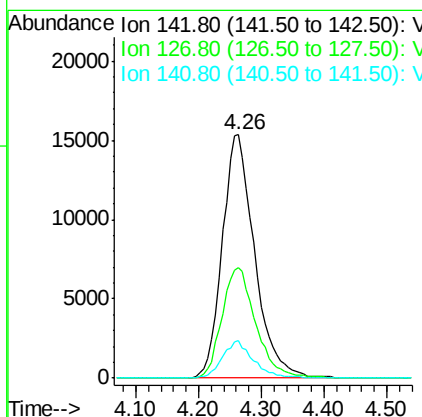
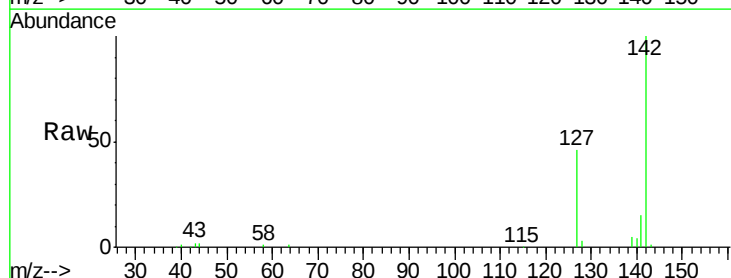
RT: 4.26 min Scan# 439

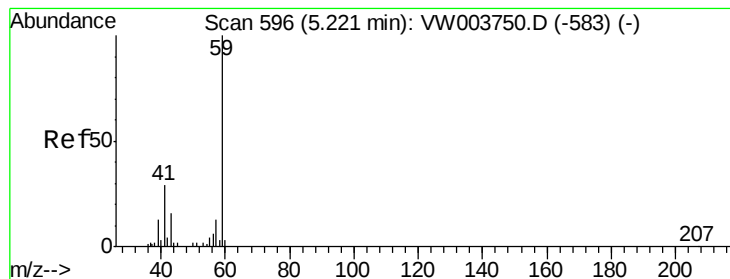
Delta R.T. -0.00 min

Lab File: VW003873.D

Acq: 11 Jul 2018 19:41

Tgt Ion:	142	Resp:	54792
Ion Ratio	Lower	Upper	
142	100		
127	47.4	36.1	54.1
141	14.7	11.6	17.4





#11

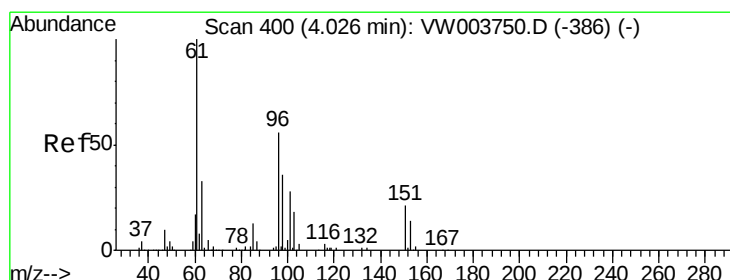
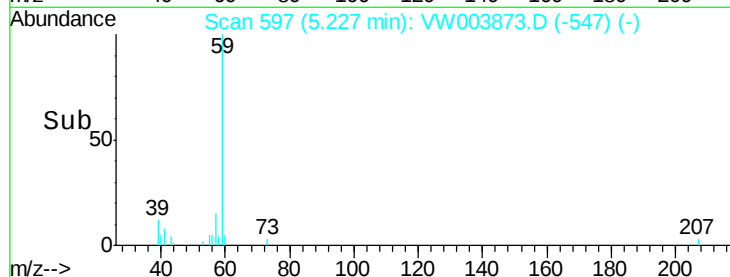
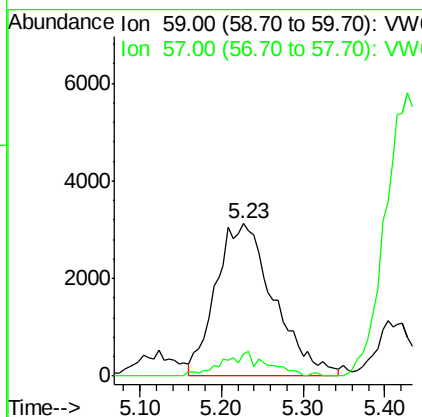
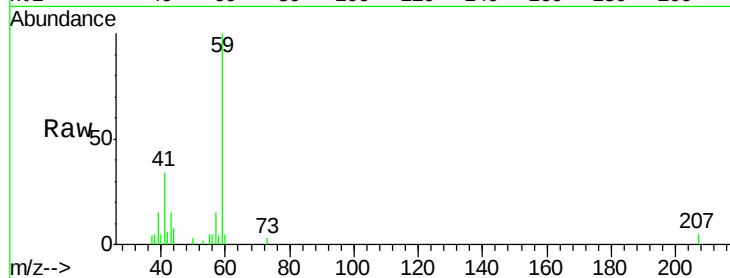
Tert butyl alcohol
Concen: 97.920 ug/l
RT: 5.23 min Scan# 597
Delta R.T. 0.01 min
Lab File: VW003873.D
Acq: 11 Jul 2018 19:41

Instrument :
MSVOA_W
ClientSampleId :
VW0711SBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	12.2	9.3	13.9

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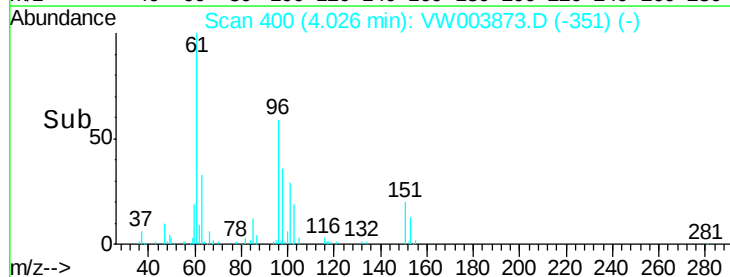
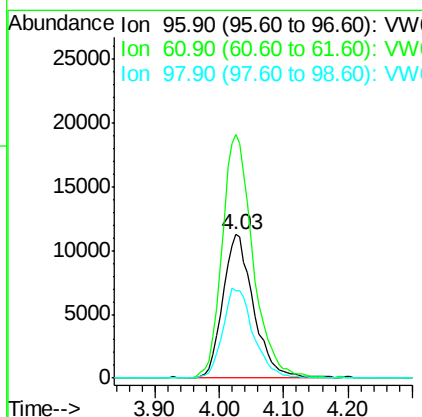
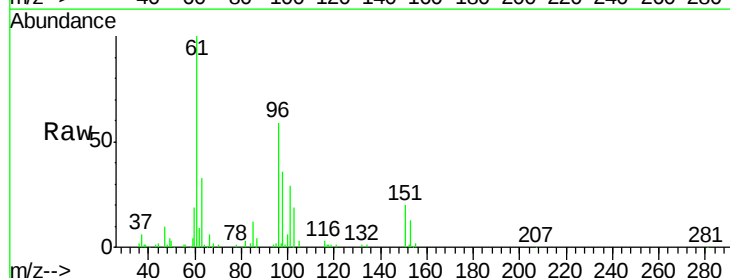
apatel
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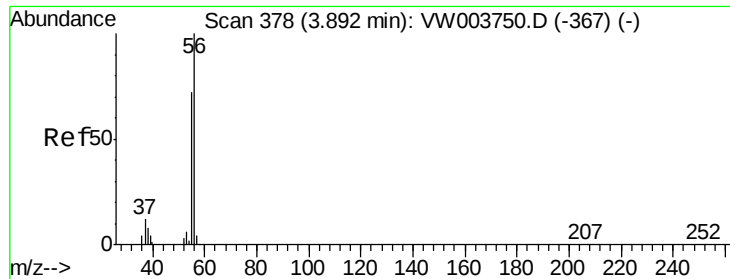


#12

1,1-Dichloroethene
Concen: 18.104 ug/l
RT: 4.03 min Scan# 400
Delta R.T. -0.00 min
Lab File: VW003873.D
Acq: 11 Jul 2018 19:41

Tgt Ion	Ratio	Lower	Upper
96	100		
61	170.0	143.2	214.8
98	61.3	51.4	77.0





#13

Acrolein

Concen: 61.755 ug/l

RT: 3.89 min Scan# 378

Delta R.T. 0.00 min

Lab File: VW003873.D

Acq: 11 Jul 2018 19:41

Instrument :

MSVOA_W

ClientSampleId :

VW0711SBSD01

Tot Ion: 56 Resp: 14511

Ion Ratio Lower Upper

56 100

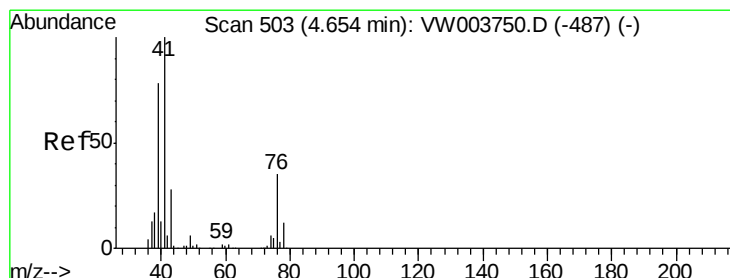
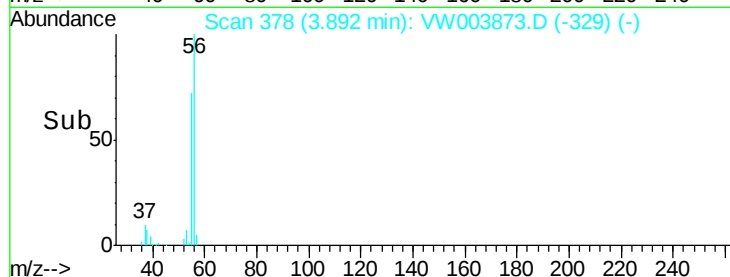
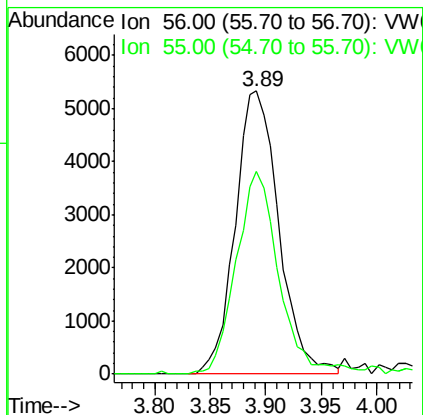
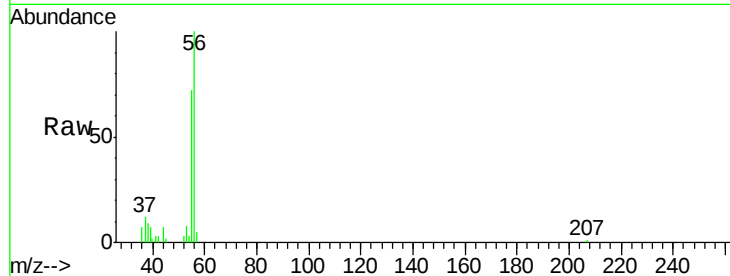
55 70.3 57.5 86.3

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#14

Allyl chloride

Concen: 17.075 ug/l

RT: 4.65 min Scan# 503

Delta R.T. -0.00 min

Lab File: VW003873.D

Acq: 11 Jul 2018 19:41

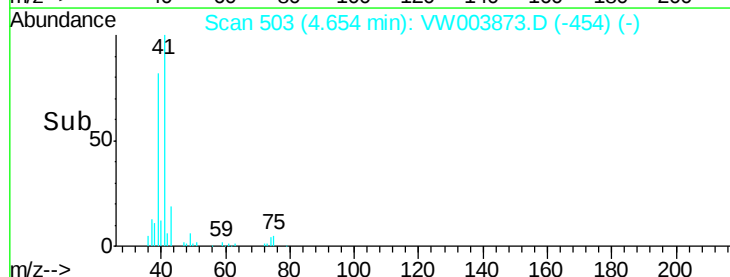
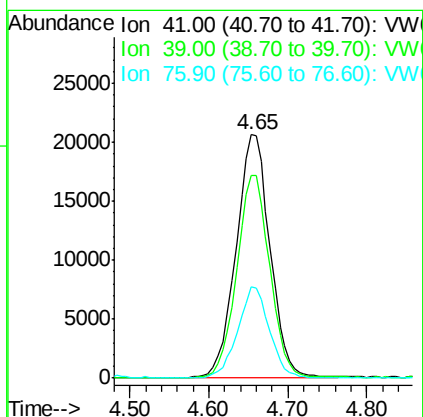
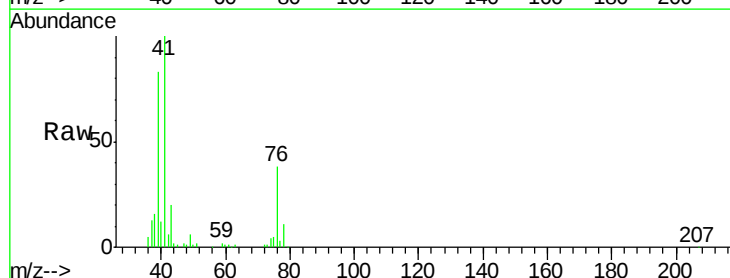
Tgt Ion: 41 Resp: 61907

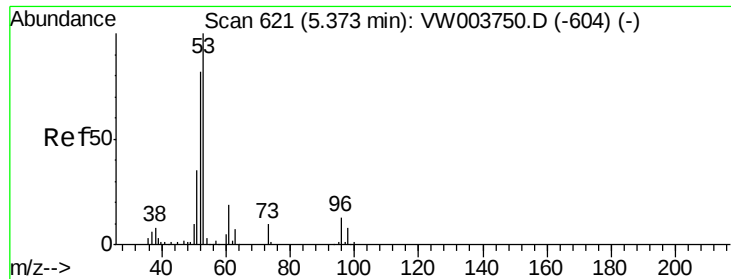
Ion Ratio Lower Upper

41 100

39 81.1 60.9 91.3

76 34.9 27.5 41.3





#15

Acrylonitrile

Concen: 106.607 ug/l

RT: 5.38 min Scan# 622

Delta R.T. 0.01 min

Lab File: VW003873.D

Acq: 11 Jul 2018 19:41

Instrument :

MSVOA_W

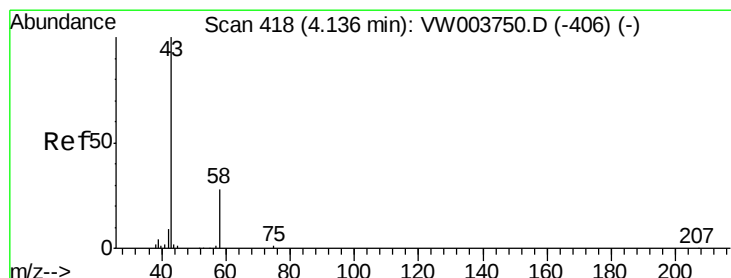
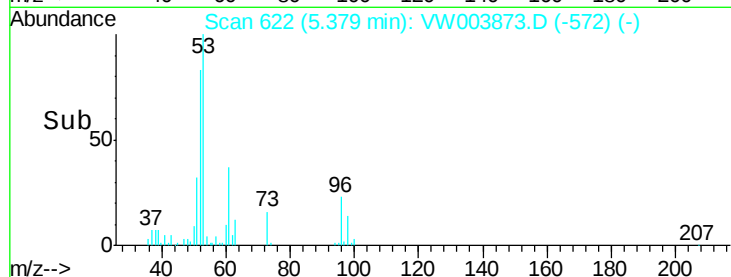
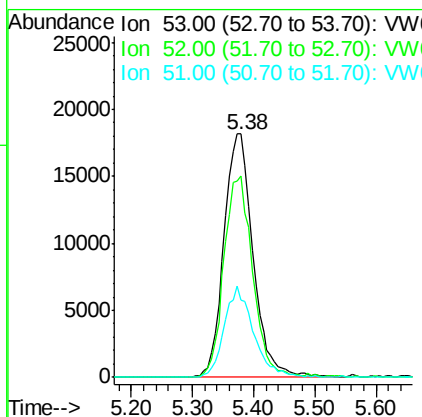
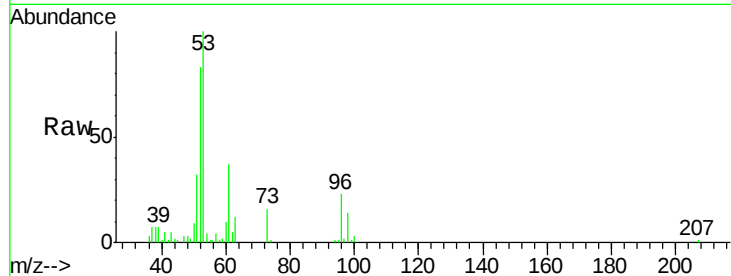
ClientSampleId :

VW0711SBSD01

Tot Ion:	53	Resp:	59750
Ion Ratio		Lower	Upper
53	100		
52	81.4	66.2	99.2
51	37.3	30.2	45.4

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#16

Acetone

Concen: 86.336 ug/l

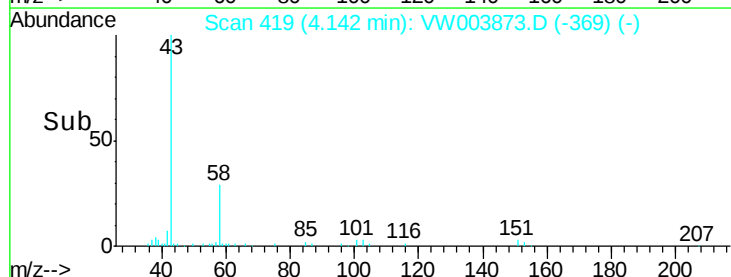
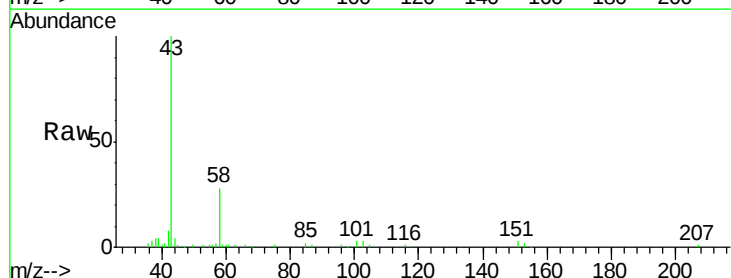
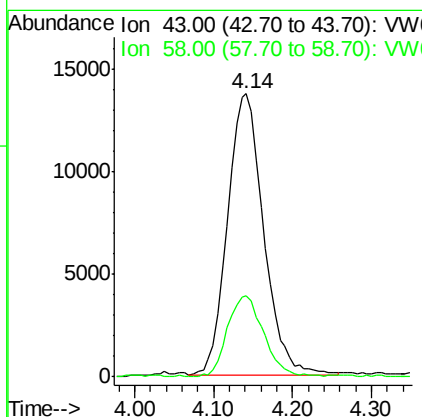
RT: 4.14 min Scan# 419

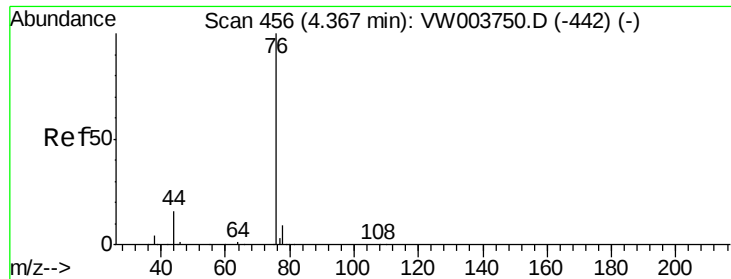
Delta R.T. 0.01 min

Lab File: VW003873.D

Acq: 11 Jul 2018 19:41

Tgt Ion:	43	Resp:	43484
Ion Ratio		Lower	Upper
43	100		
58	28.7	22.6	34.0





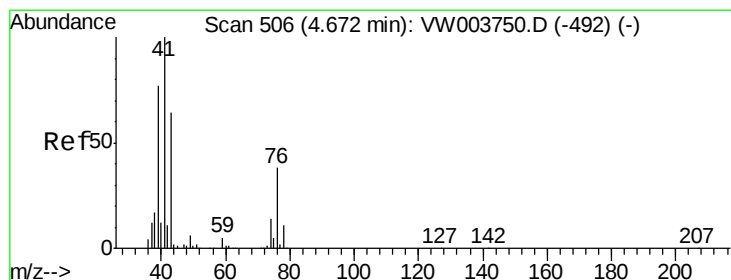
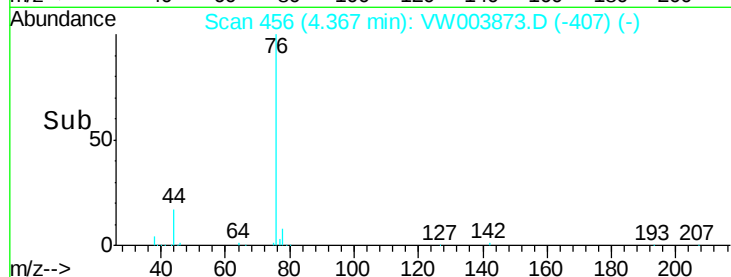
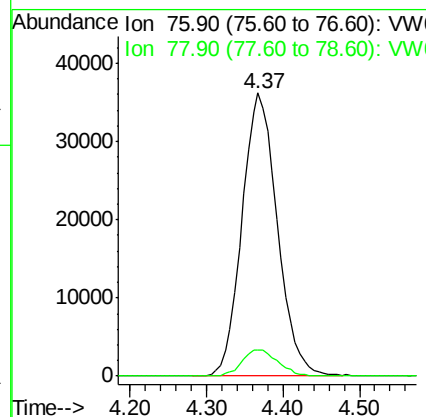
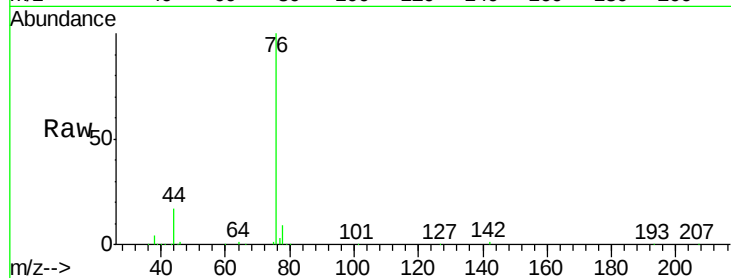
#17
Carbon Disulfide
Concen: 17.008 ug/l
RT: 4.37 min Scan# 456
Delta R.T. -0.00 min
Lab File: VW003873.D
Acq: 11 Jul 2018 19:41

Instrument :
MSVOA_W
ClientSampleId :
VW0711SBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.4	11.2

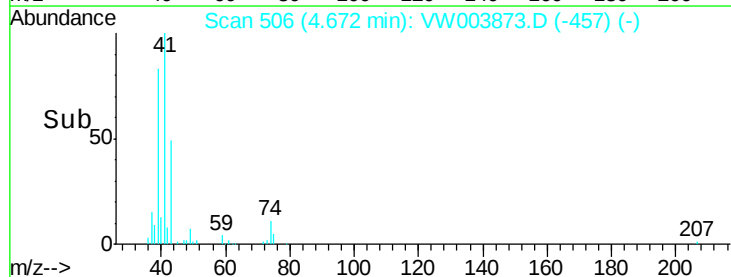
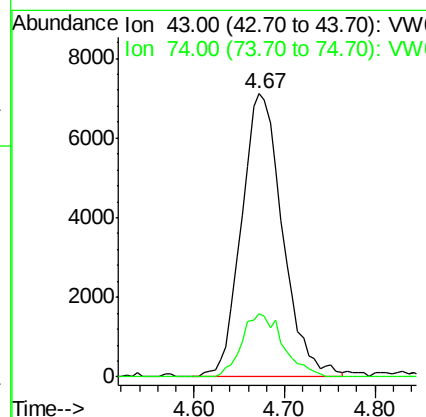
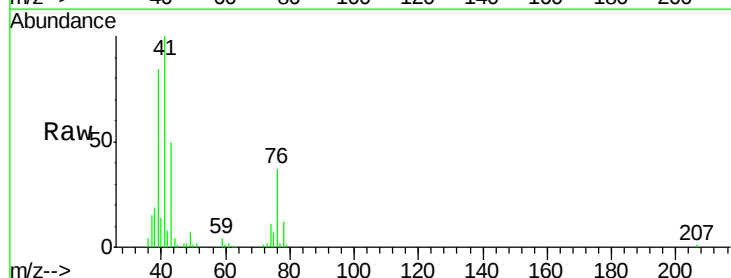
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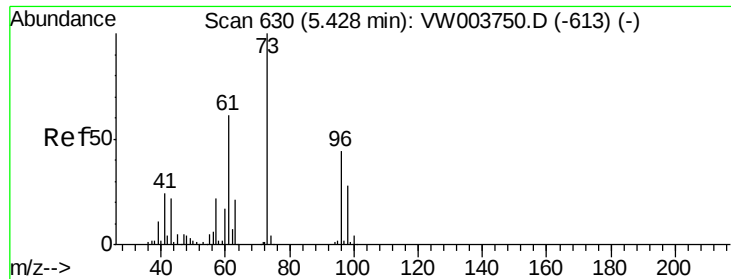
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#18
Methyl Acetate
Concen: 15.705 ug/l
RT: 4.67 min Scan# 506
Delta R.T. -0.00 min
Lab File: VW003873.D
Acq: 11 Jul 2018 19:41

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.5	17.3	25.9





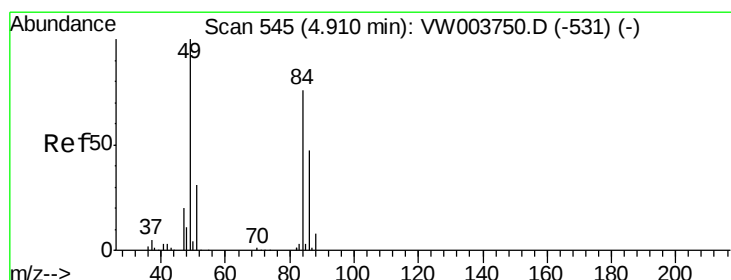
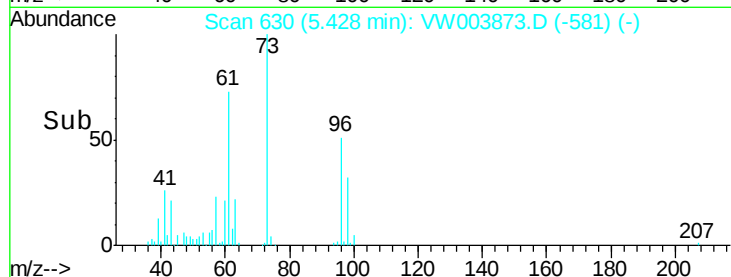
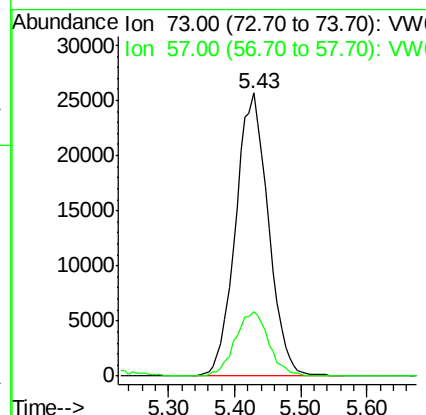
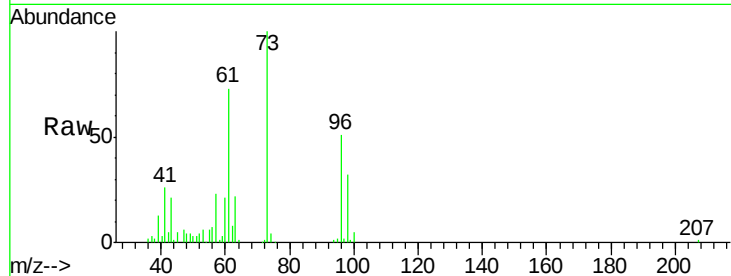
#19
Methyl tert-butyl Ether
Concen: 20.480 ug/l
RT: 5.43 min Scan# 630
Delta R.T. -0.00 min
Lab File: VW003873.D
Acq: 11 Jul 2018 19:41

Instrument :
MSVOA_W
ClientSampleId :
VW0711SBSD01

Tot Ion: 73 Resp: 88252
Ion Ratio Lower Upper
73 100
57 22.6 17.9 26.9

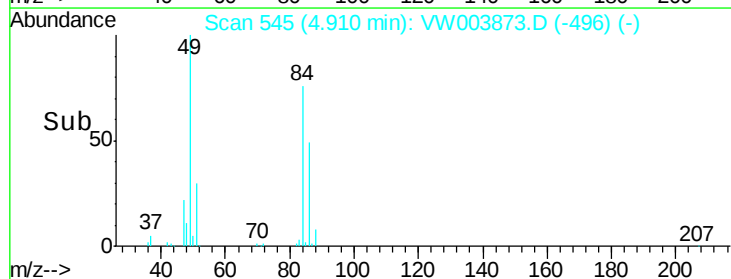
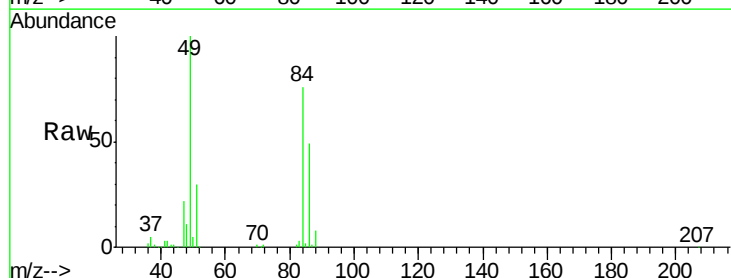
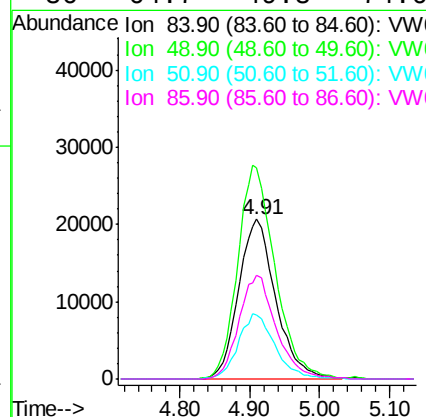
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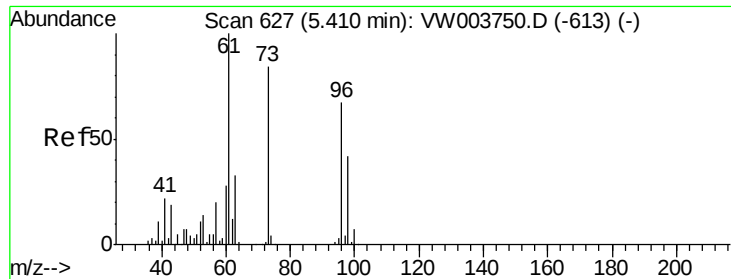
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#20
Methylene Chloride
Concen: 29.412 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003873.D
Acq: 11 Jul 2018 19:41

Tgt Ion: 84 Resp: 76624
Ion Ratio Lower Upper
84 100
49 132.1 105.1 157.7
51 39.8 32.5 48.7
86 64.7 49.8 74.6





#21

trans-1,2-Dichloroethene

Concen: 20.913 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.01 min

Lab File: VW003873.D

Acq: 11 Jul 2018 19:41

Instrument :

MSVOA_W

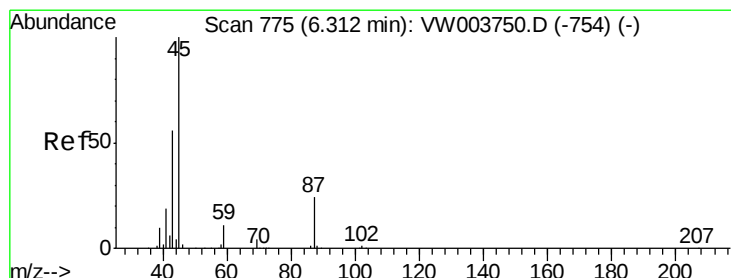
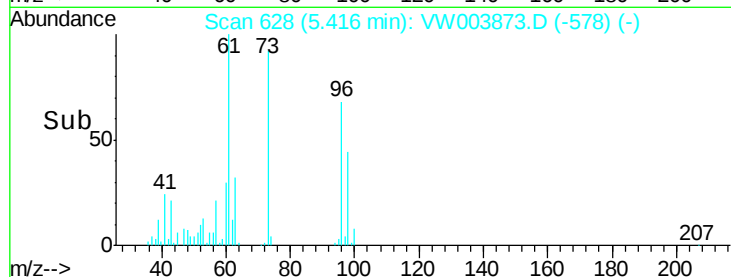
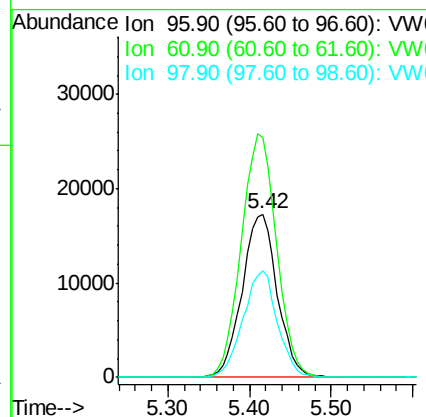
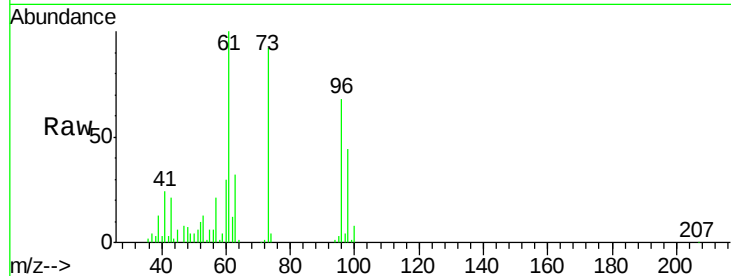
ClientSampleId :

VW0711SBSD01

Tot Ion:	96	Resp:	51629
Ion	Ratio	Lower	Upper
96	100		
61	147.2	119.0	178.6
98	65.1	49.8	74.8

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#22

Diisopropyl ether

Concen: 21.077 ug/l

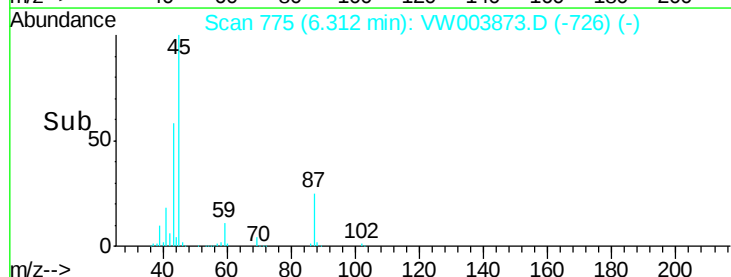
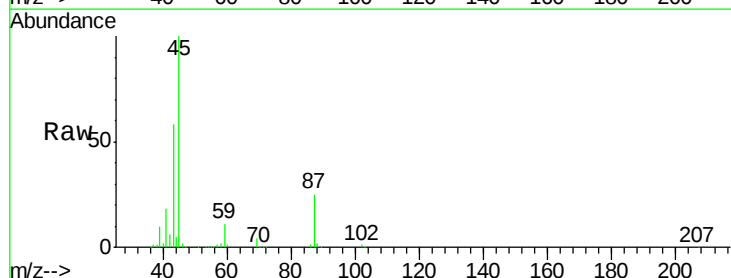
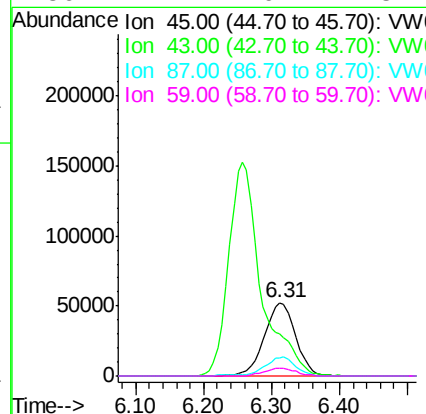
RT: 6.31 min Scan# 775

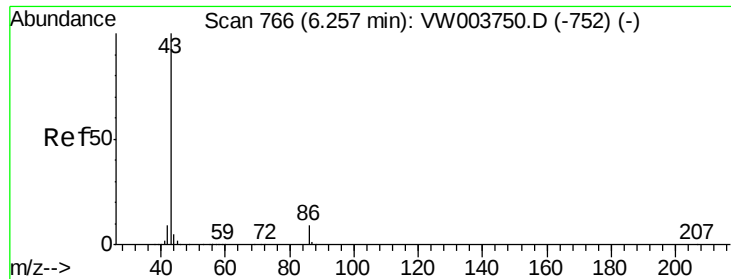
Delta R.T. -0.00 min

Lab File: VW003873.D

Acq: 11 Jul 2018 19:41

Tgt Ion:	45	Resp:	167994
Ion	Ratio	Lower	Upper
45	100		
43	57.7	44.5	66.7
87	24.8	19.6	29.4
59	11.1	9.1	13.7





#23

Vinyl Acetate

Concen: 104.035 ug/l

RT: 6.26 min Scan# 766

Delta R.T. -0.00 min

Lab File: VW003873.D

Acq: 11 Jul 2018 19:41

Instrument :

MSVOA_W

ClientSampleID :

VW0711SBSD01

Tot Ion: 43 Resp: 506198

Ion Ratio Lower Upper

43 100

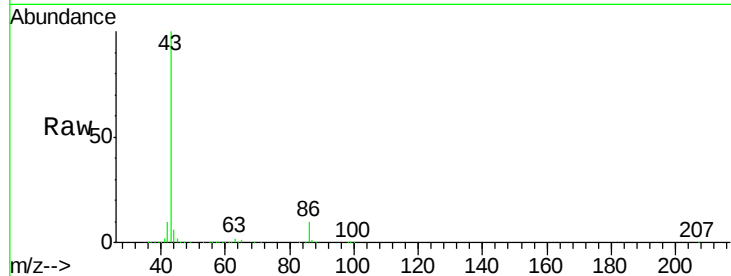
86 9.7 7.3 10.9

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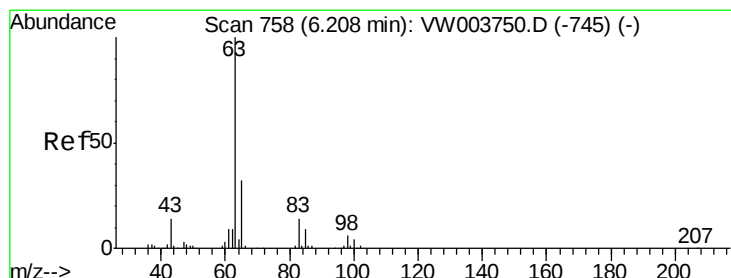
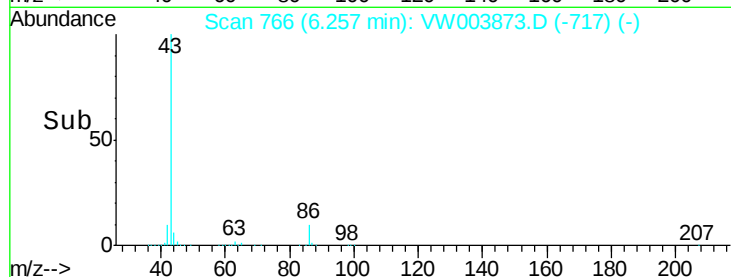
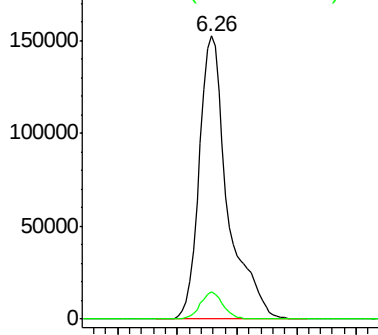
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 20.350 ug/l

RT: 6.21 min Scan# 759

Delta R.T. 0.01 min

Lab File: VW003873.D

Acq: 11 Jul 2018 19:41

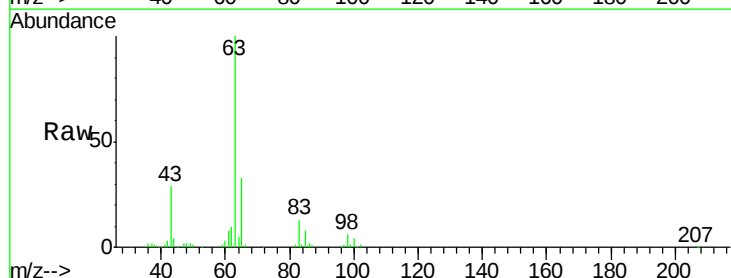
Tgt Ion: 63 Resp: 98101

Ion Ratio Lower Upper

63 100

98 6.5 3.2 9.6

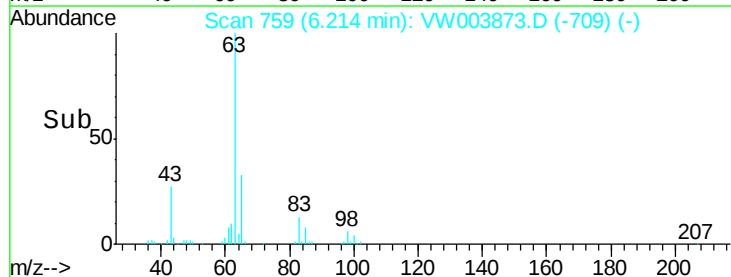
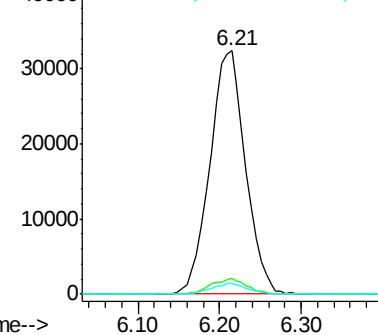
100 4.1 2.1 6.2

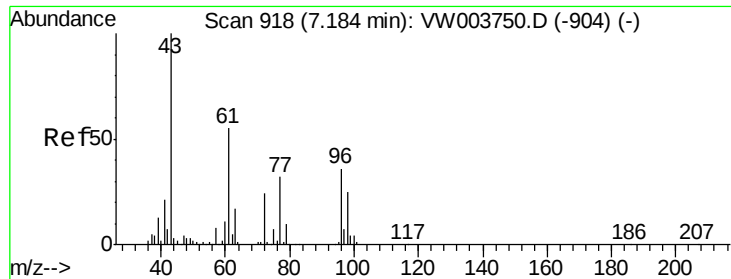


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 99.745 ug/l

RT: 7.18 min Scan# 917

Delta R.T. -0.01 min

Lab File: VW003873.D

Acq: 11 Jul 2018 19:41

Instrument :

MSVOA_W

ClientSampleId :

VW0711SBSD01

Tot Ion: 43 Resp: 78686

Ion Ratio Lower Upper

43 100

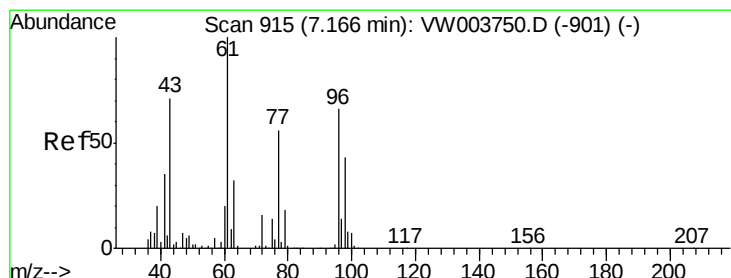
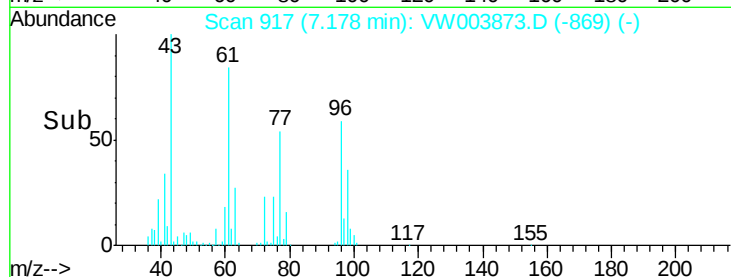
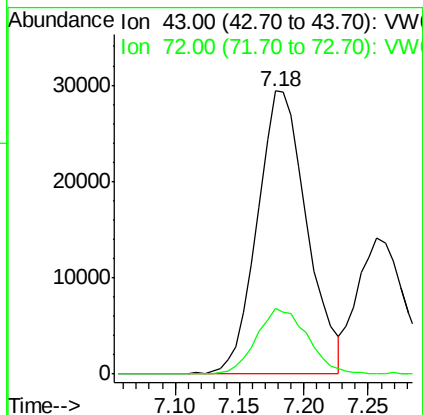
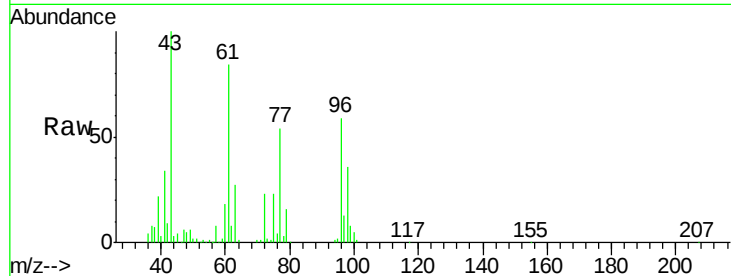
72 23.4 19.4 29.2

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#26

2,2-Dichloropropane

Concen: 21.396 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW003873.D

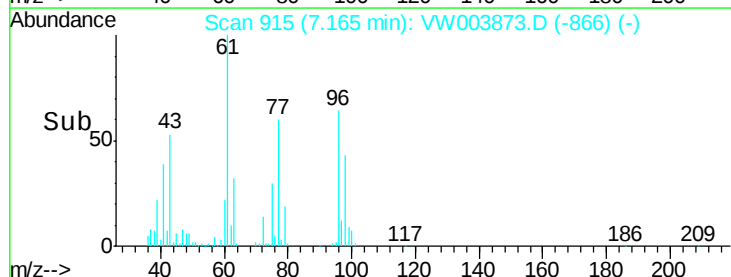
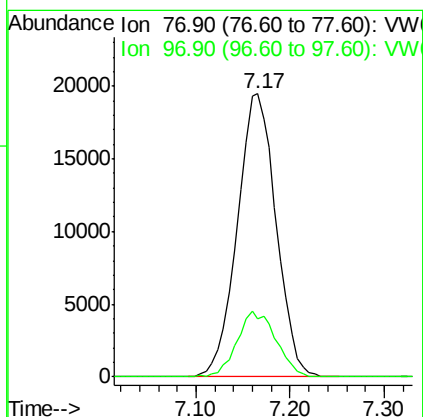
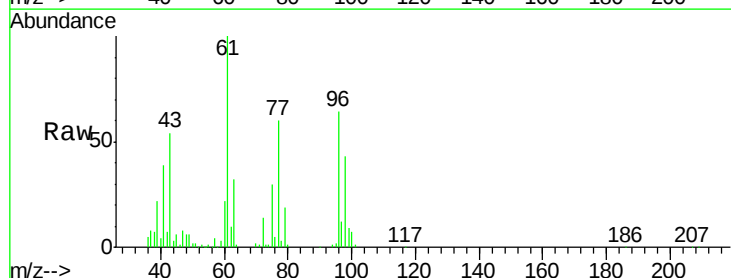
Acq: 11 Jul 2018 19:41

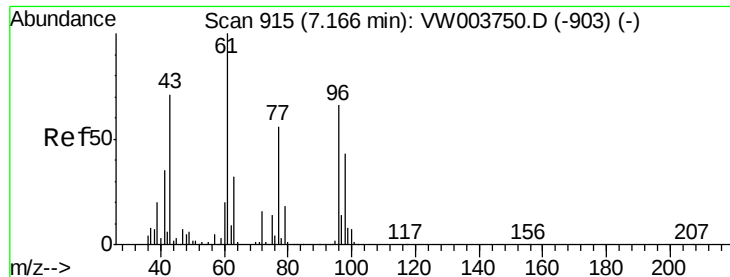
Tgt Ion: 77 Resp: 55945

Ion Ratio Lower Upper

77 100

97 23.4 11.5 34.5





#27

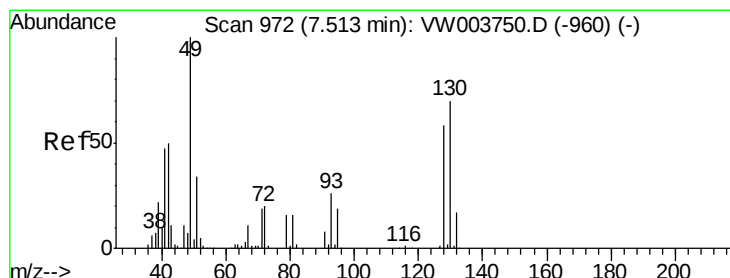
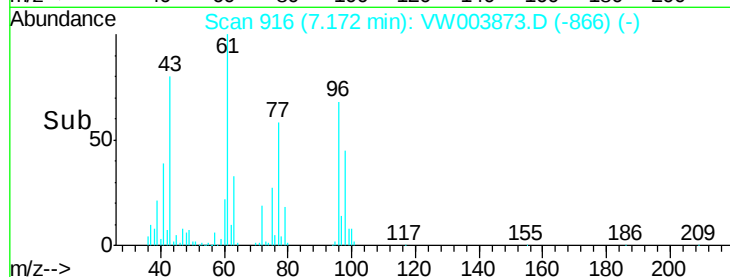
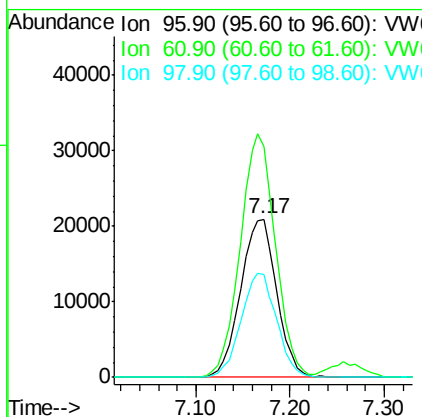
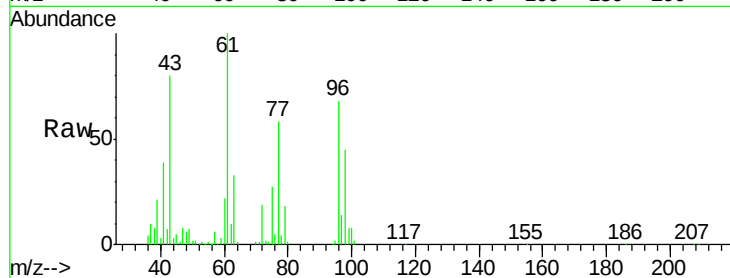
cis-1,2-Dichloroethene
Concen: 20.524 ug/l
RT: 7.17 min Scan# 916
Delta R.T. 0.01 min
Lab File: VW003873.D
Acq: 11 Jul 2018 19:41

Instrument :
MSVOA_W
ClientSampleId :
VW0711SBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	150.7	0.0	300.8
98	64.5	0.0	128.6

Manual Integrations
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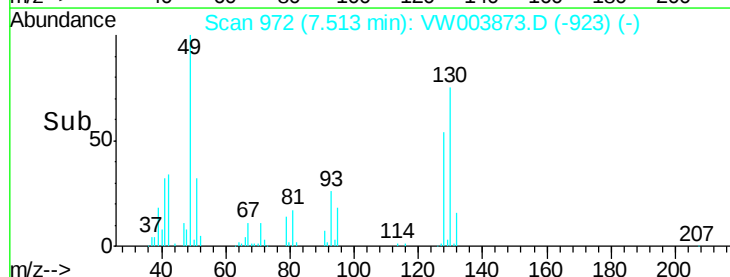
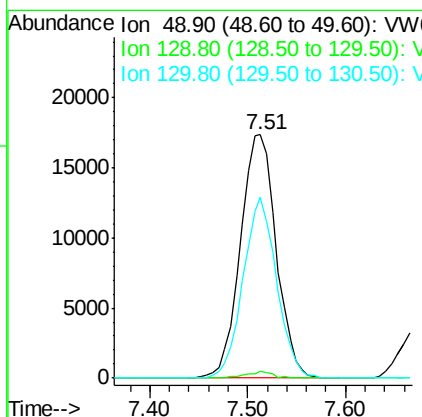
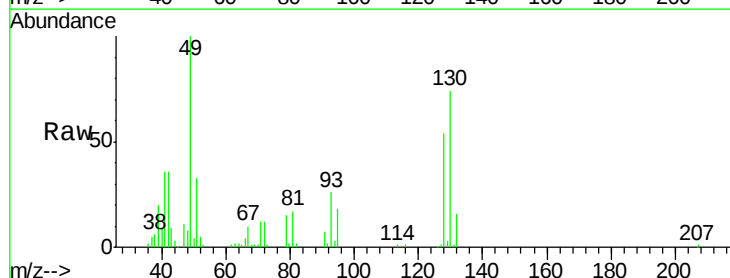
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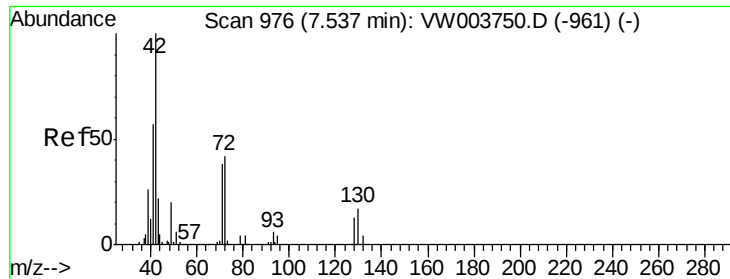


#28

Bromochloromethane
Concen: 20.488 ug/l
RT: 7.51 min Scan# 972
Delta R.T. -0.00 min
Lab File: VW003873.D
Acq: 11 Jul 2018 19:41

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.4
130	69.5	56.9	85.3





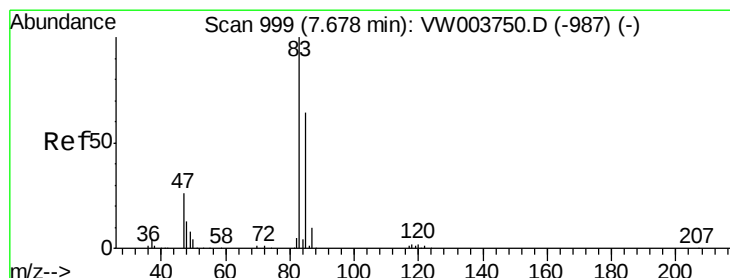
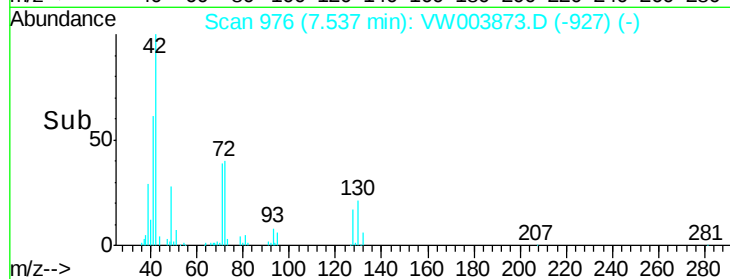
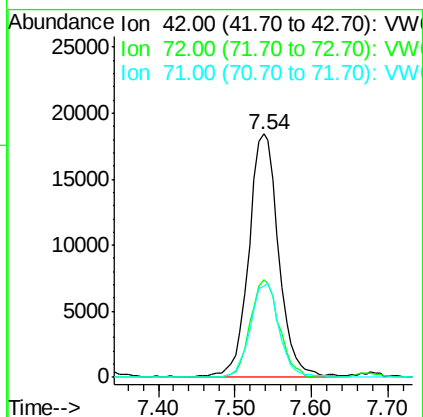
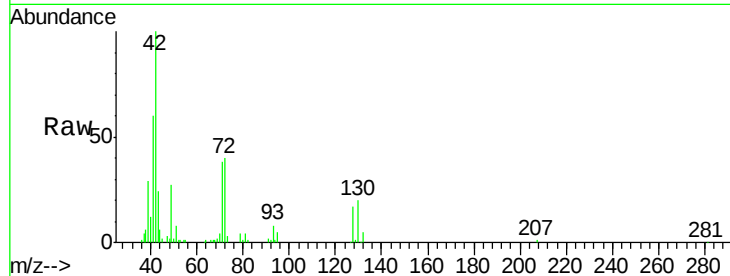
#29
Tetrahydrofuran
Concen: 99.314 ug/l
RT: 7.54 min Scan# 976
Delta R.T. -0.00 min
Lab File: VW003873.D
Acq: 11 Jul 2018 19:41

Instrument :
MSVOA_W
ClientSampleId :
VW0711SBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	38.5	31.8	47.8
71	37.1	30.3	45.5

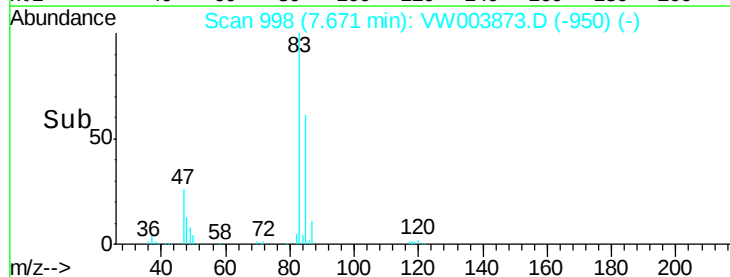
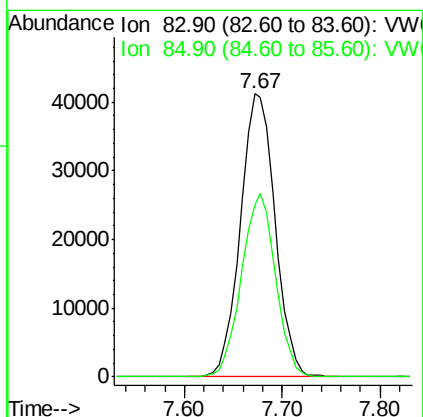
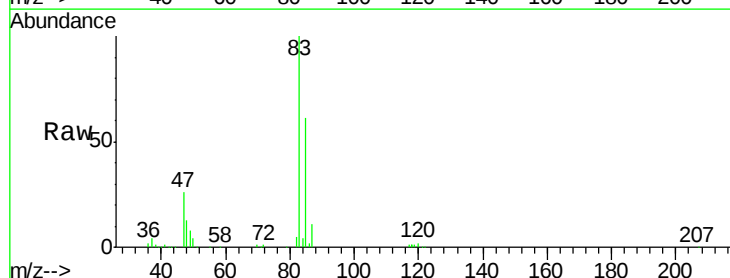
Manual Integrations
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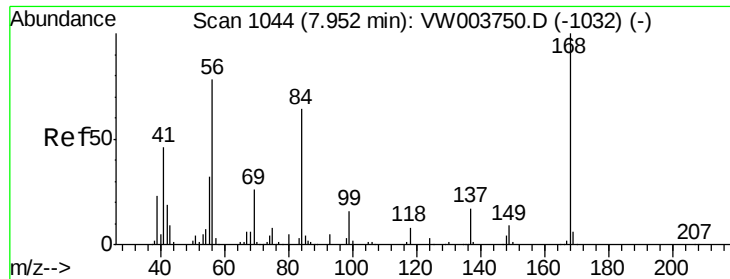
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#30
Chloroform
Concen: 20.538 ug/l
RT: 7.67 min Scan# 998
Delta R.T. -0.01 min
Lab File: VW003873.D
Acq: 11 Jul 2018 19:41

Tgt Ion	Ratio	Lower	Upper
83	100		
85	60.8	51.5	77.3





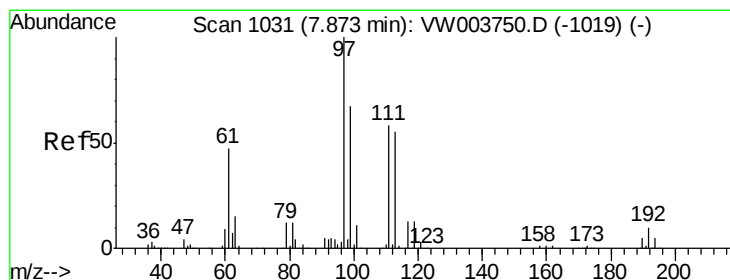
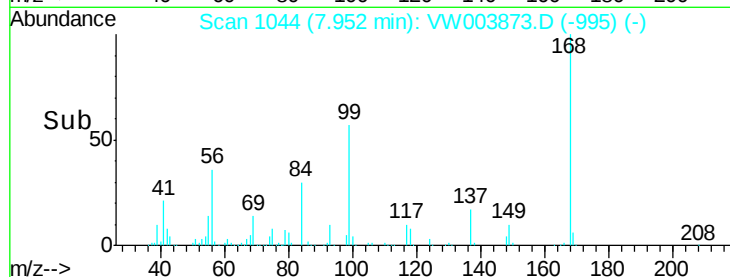
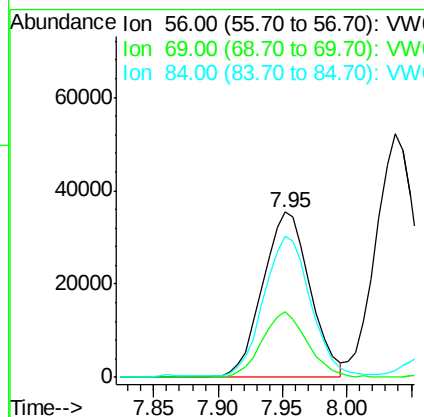
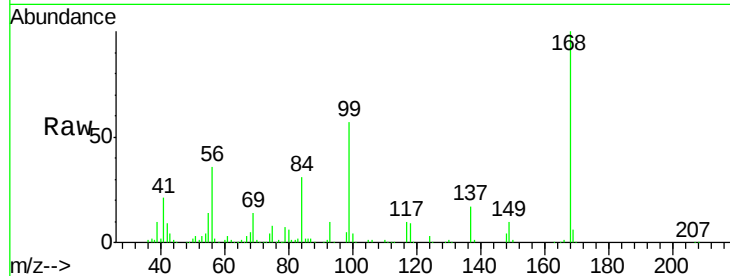
#31
Cyclohexane
Concen: 21.376 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.00 min
Lab File: VW003873.D
Acq: 11 Jul 2018 19:41

Instrument :
MSVOA_W
ClientSampleId :
VW0711SBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	40.0	26.2	39.4#
84	84.2	65.5	98.3

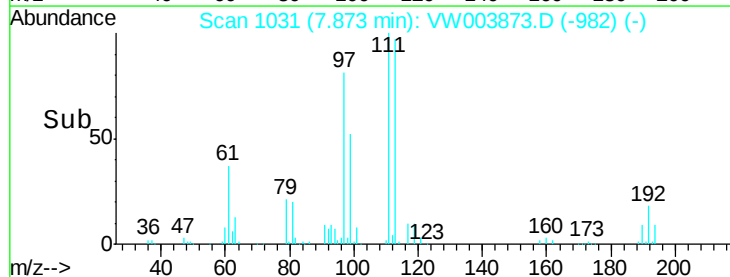
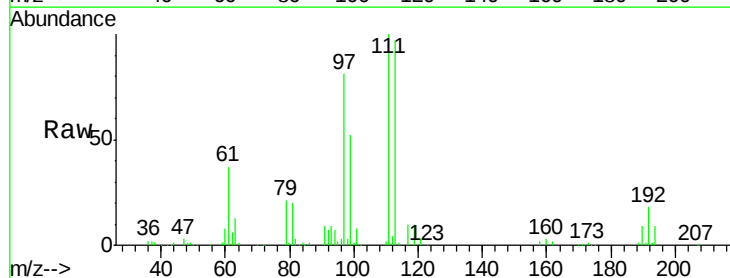
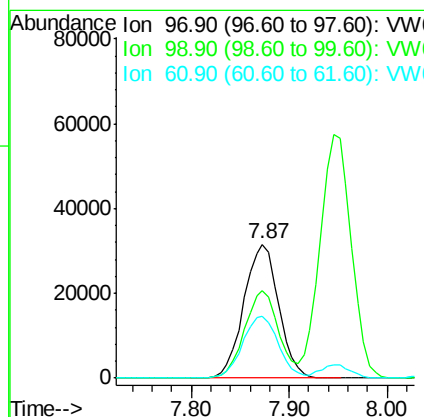
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APPROVED

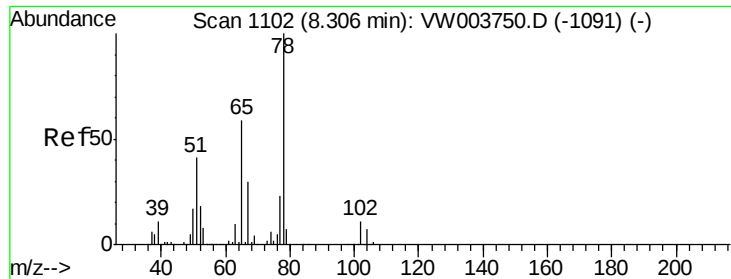
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#32
1,1,1-Trichloroethane
Concen: 20.897 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VW003873.D
Acq: 11 Jul 2018 19:41

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.2	76.8
61	47.1	37.6	56.4





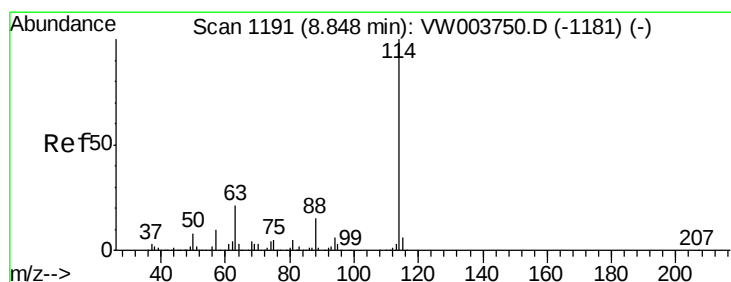
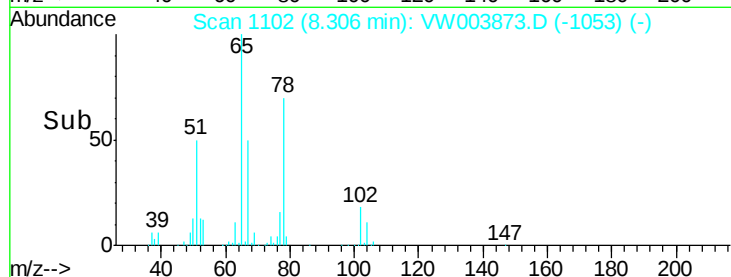
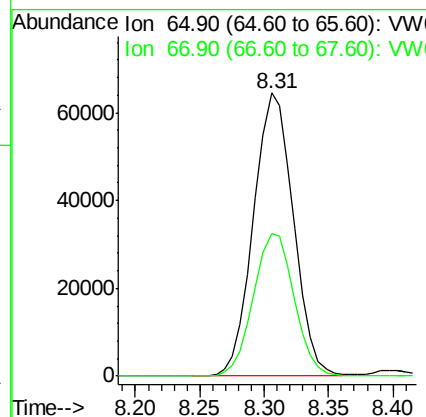
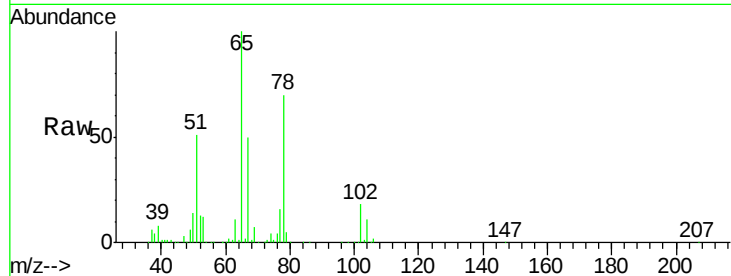
#33
 1,2-Dichloroethane-d4
 Concen: 47.725 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.00 min
 Lab File: VW003873.D
 Acq: 11 Jul 2018 19:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0711SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	51.5	0.0	103.8	

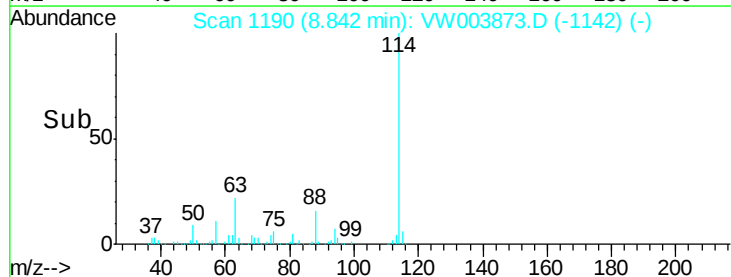
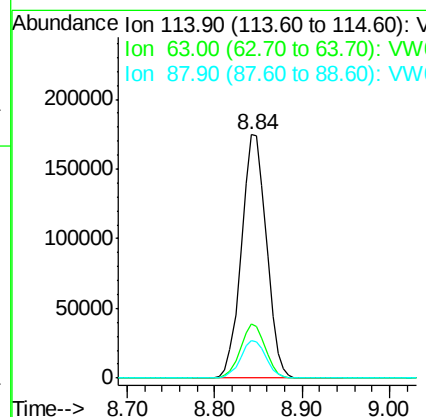
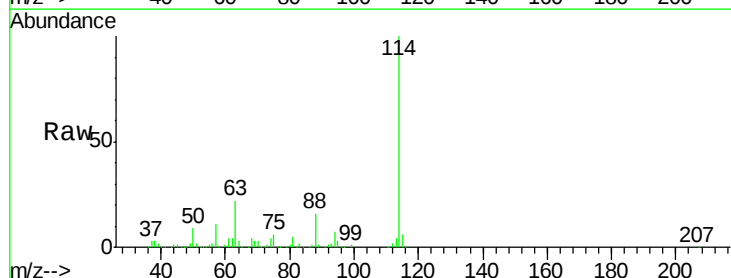
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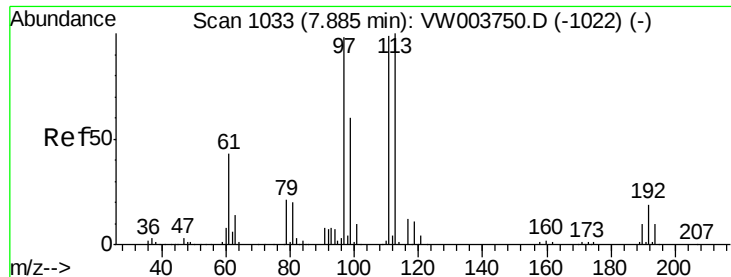
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: VW003873.D
 Acq: 11 Jul 2018 19:41

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	22.5	0.0	41.8	
88	15.7	0.0	30.2	





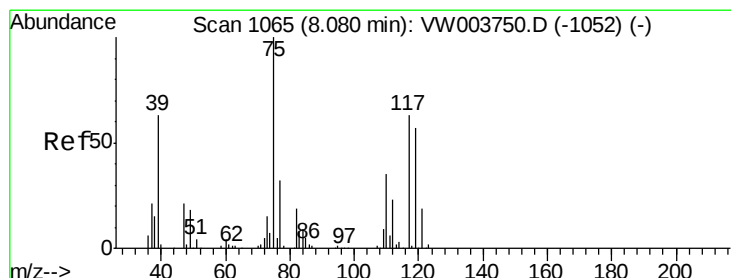
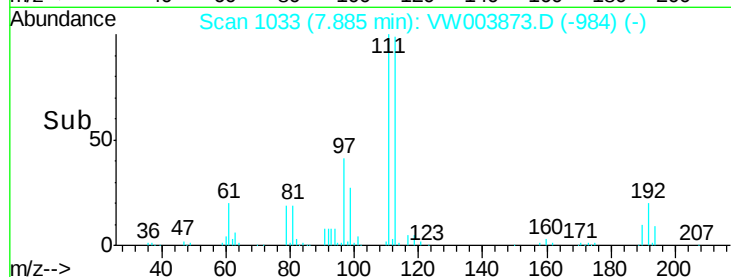
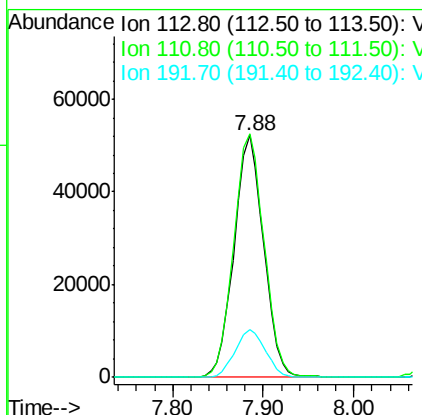
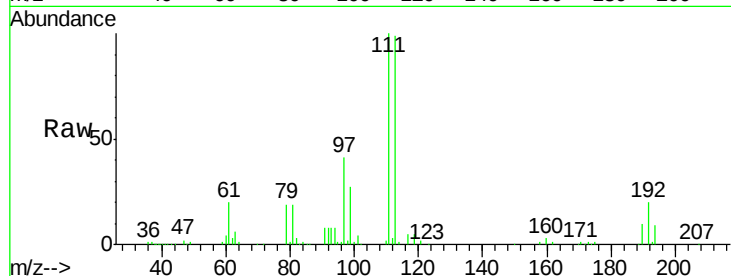
#35
 Dibromofluoromethane
 Concen: 48.373 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW003873.D
 Acq: 11 Jul 2018 19:41

Instrument :
 MSVOA_W
 ClientSampleID :
 VW0711SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	103.6	81.7	122.5	
192	20.2	15.8	23.8	

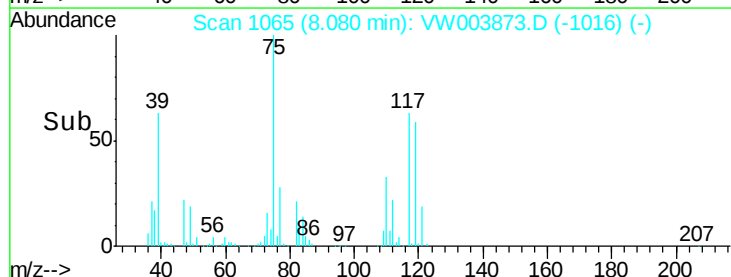
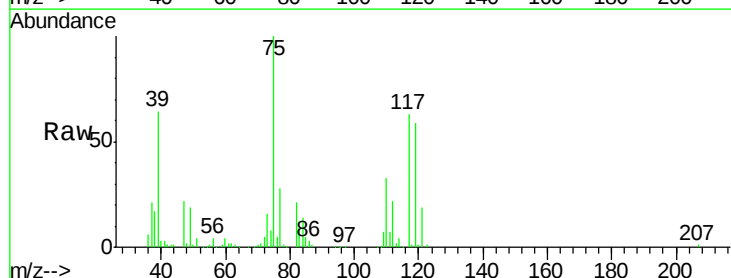
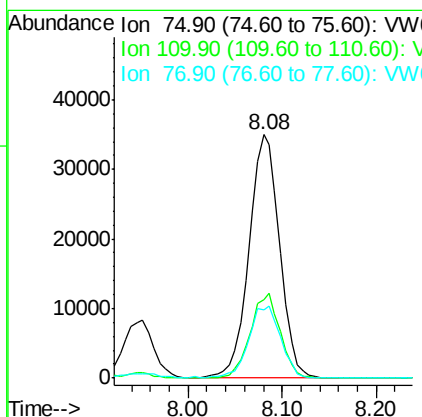
Manual Integrations
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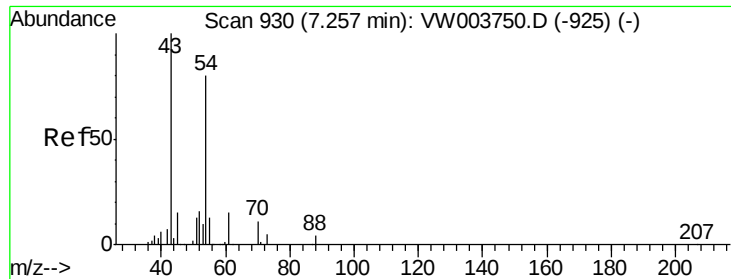
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#36
 1,1-Dichloropropene
 Concen: 21.581 ug/l
 RT: 8.08 min Scan# 1065
 Delta R.T. -0.00 min
 Lab File: VW003873.D
 Acq: 11 Jul 2018 19:41

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	34.0	16.9	50.6	
77	31.1	24.8	37.2	





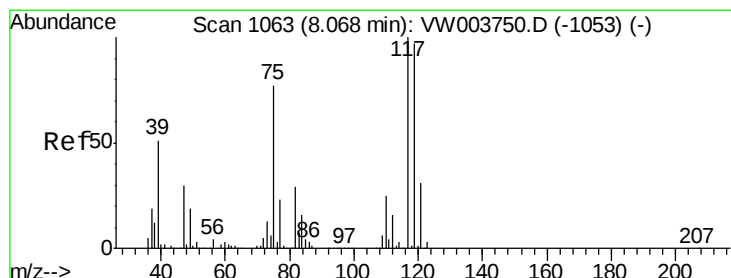
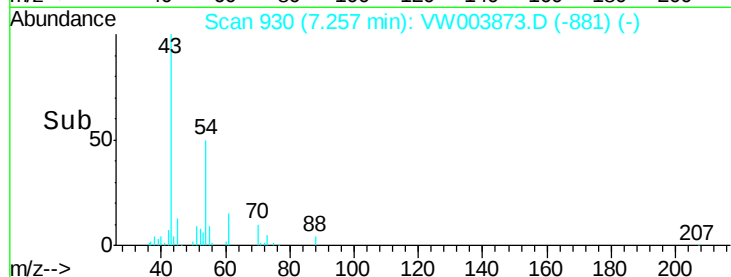
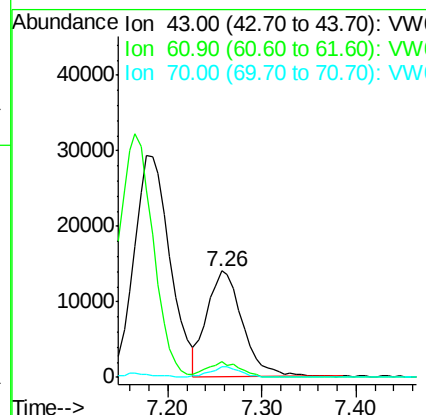
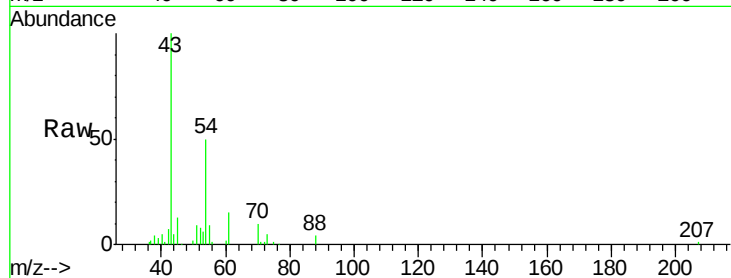
#37
Ethyl Acetate
Concen: 20.529 ug/l
RT: 7.26 min Scan# 930
Delta R.T. -0.00 min
Lab File: VW003873.D
Acq: 11 Jul 2018 19:41

Instrument :
MSVOA_W
ClientSampleId :
VW0711SBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.3	10.6	15.8
70	8.5	7.5	11.3

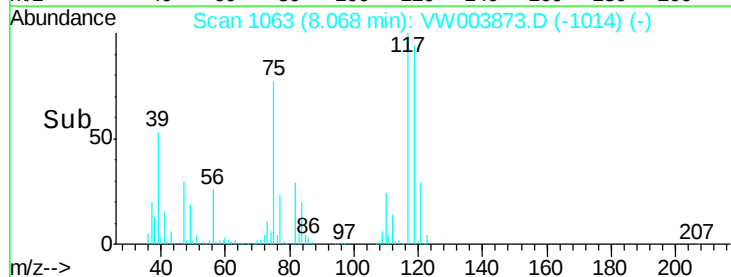
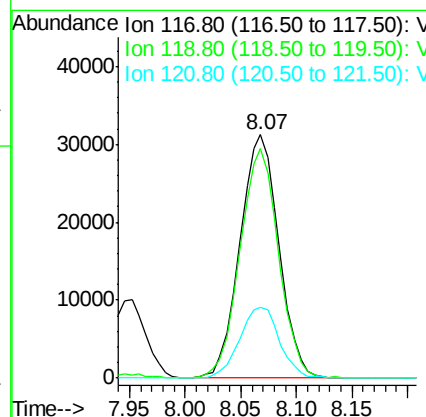
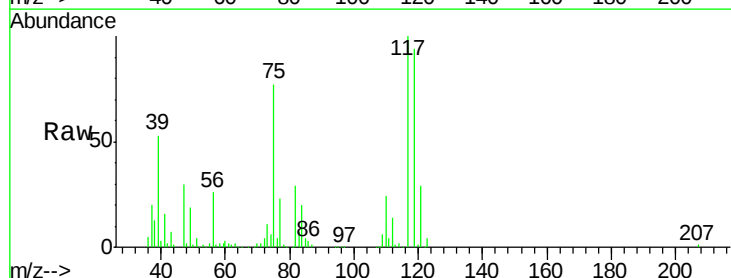
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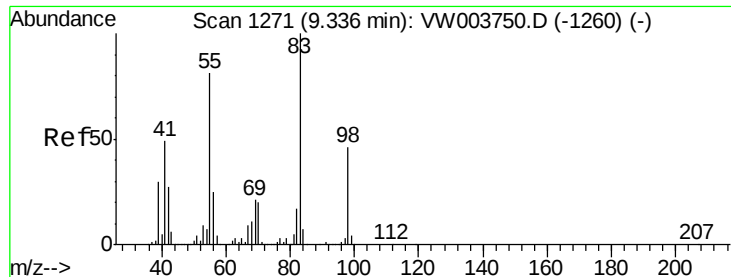
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#38
Carbon Tetrachloride
Concen: 21.545 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. -0.00 min
Lab File: VW003873.D
Acq: 11 Jul 2018 19:41

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.0	77.4	116.2
121	29.1	24.6	37.0





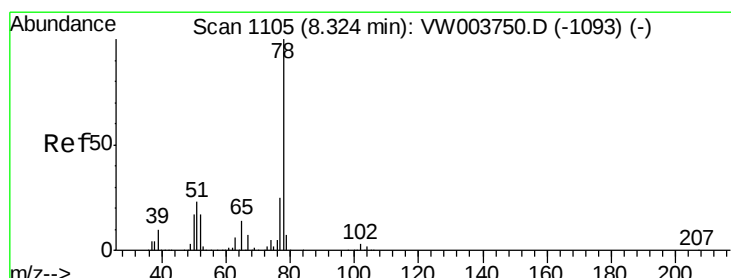
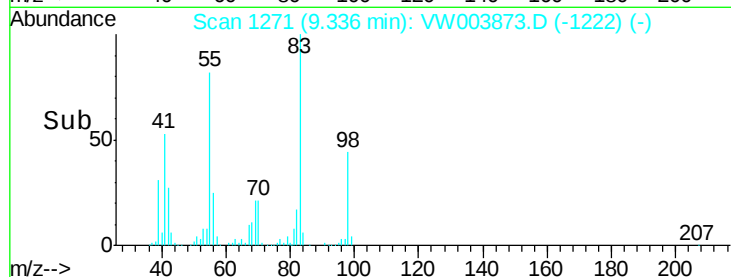
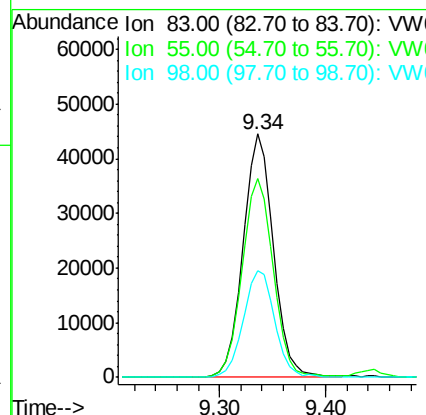
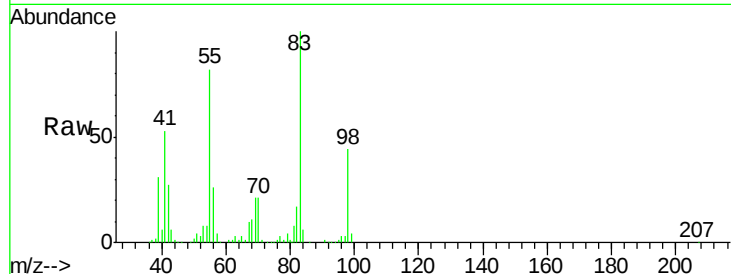
#39
Methvlcvclohexane
Concen: 22.021 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VW003873.D
Acq: 11 Jul 2018 19:41

Instrument :
MSVOA_W
ClientSampleId :
VW0711SBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	81.7	65.1	97.7
98	44.0	36.7	55.1

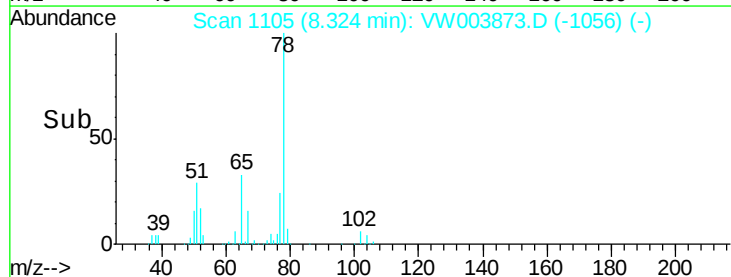
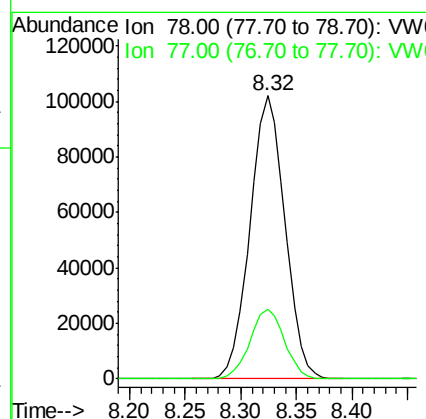
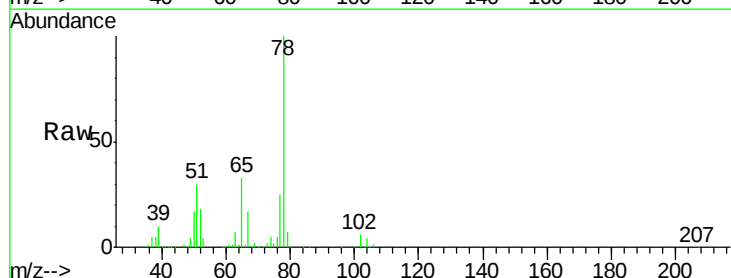
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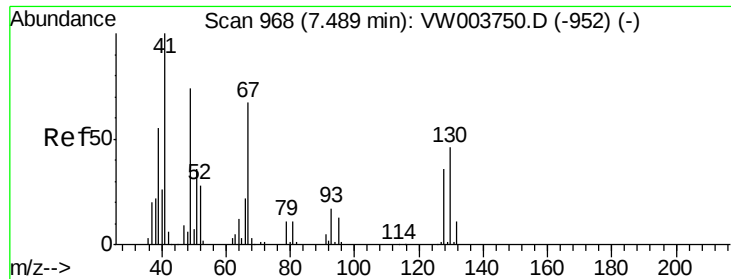
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#40
Benzene
Concen: 21.119 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VW003873.D
Acq: 11 Jul 2018 19:41

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.6	19.7	29.5





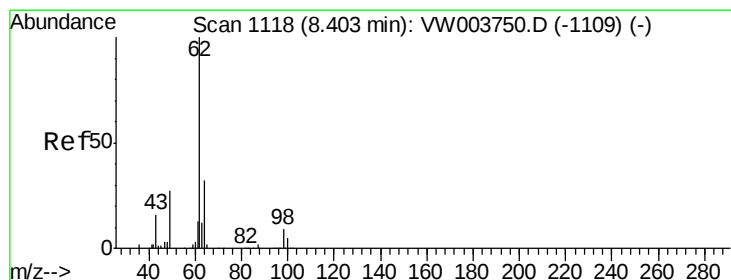
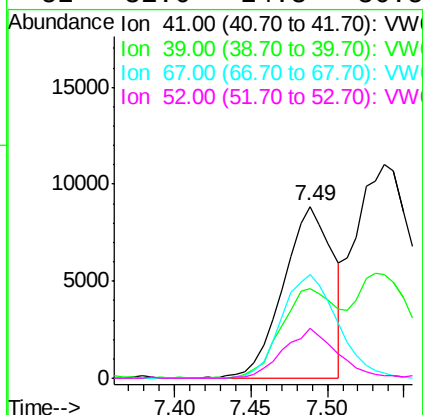
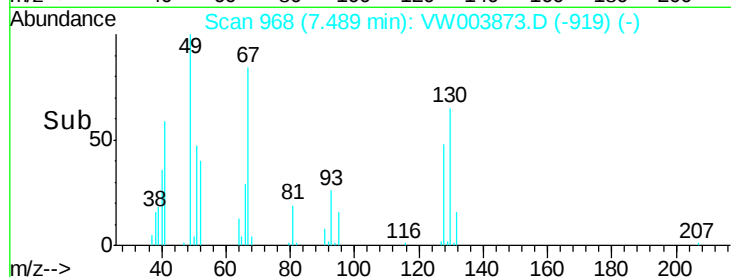
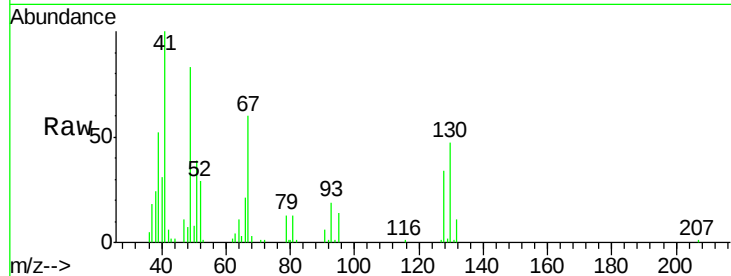
#41
Methacrylonitrile
Concen: 19.311 ug/l
RT: 7.49 min Scan# 968
Delta R.T. -0.00 min
Lab File: VW003873.D
Acq: 11 Jul 2018 19:41

Instrument :
MSVOA_W
ClientSampleId :
VW0711SBSD01

Tot Ion	41	Resp:	19964
Ion Ratio	Lower	Upper	
41	100		
39	62.8	49.5	74.3
67	68.4	53.8	80.8
52	31.6	24.3	36.5

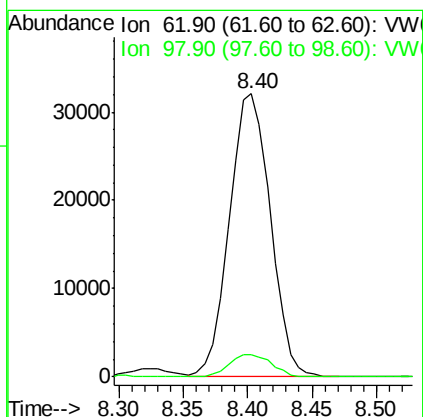
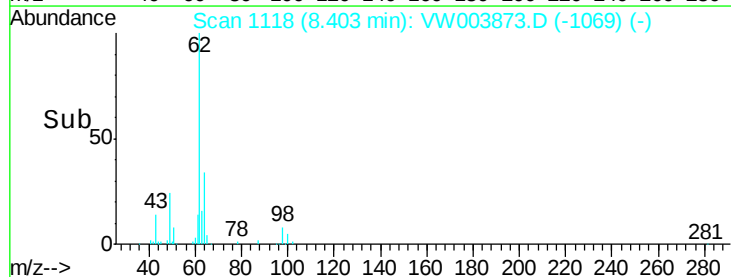
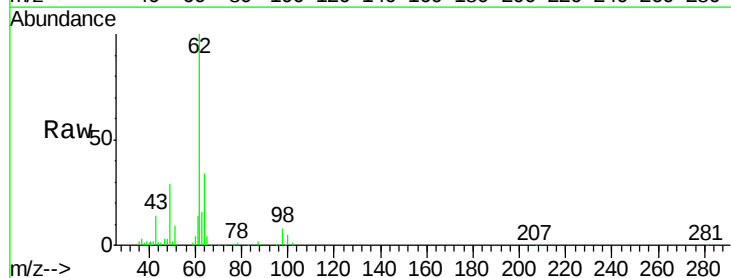
Manual Integrations
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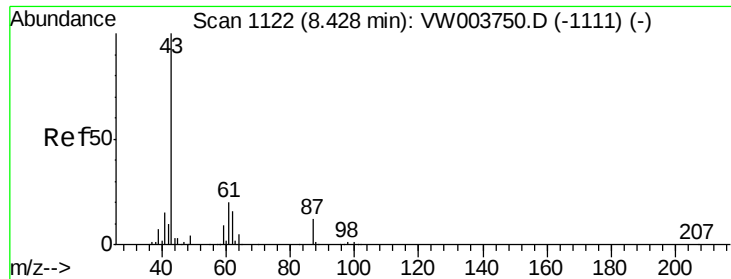
apatel
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#42
1,2-Dichloroethane
Concen: 20.762 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. -0.00 min
Lab File: VW003873.D
Acq: 11 Jul 2018 19:41

Tgt Ion	62	Resp:	70954
Ion Ratio	Lower	Upper	
62	100		
98	8.2	0.0	16.4





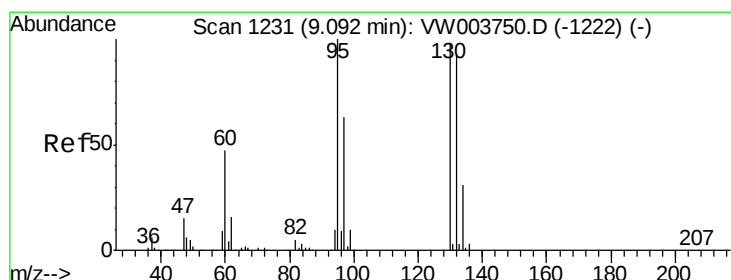
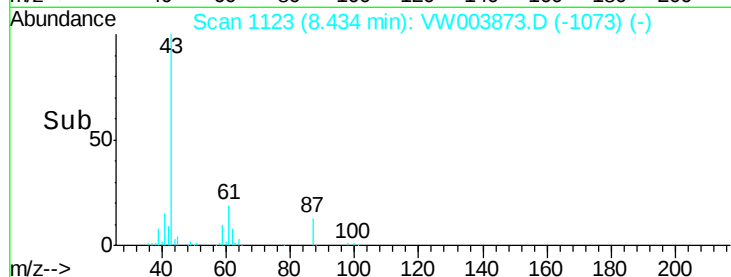
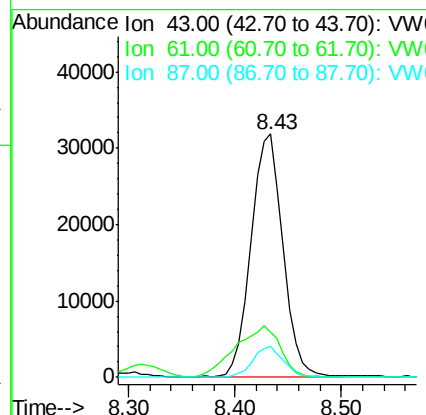
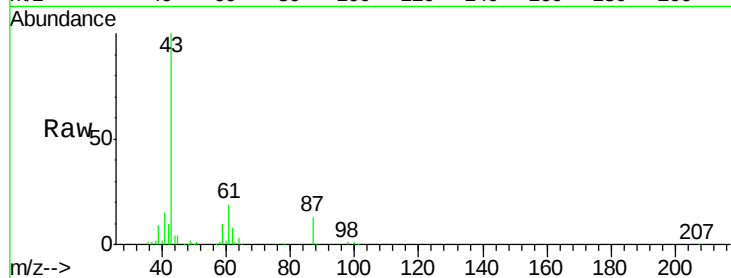
#43
Isopropyl Acetate
Concen: 19.527 ug/l
RT: 8.43 min Scan# 1123
Delta R.T. 0.01 min
Lab File: VW003873.D
Acq: 11 Jul 2018 19:41

Instrument :
MSVOA_W
ClientSampleId :
VW0711SBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	30.0	22.8	34.2
87	12.5	9.5	14.3

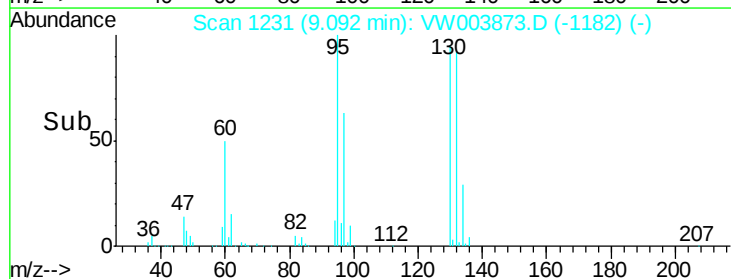
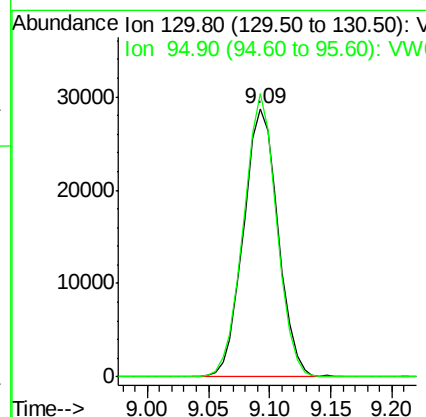
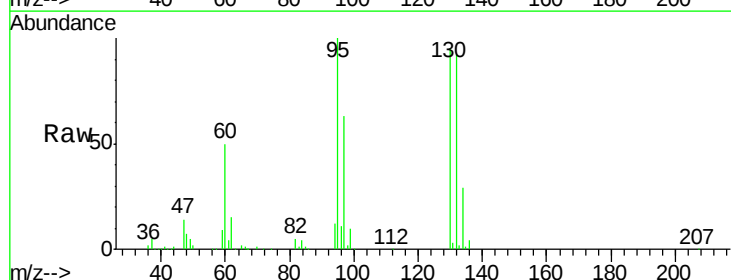
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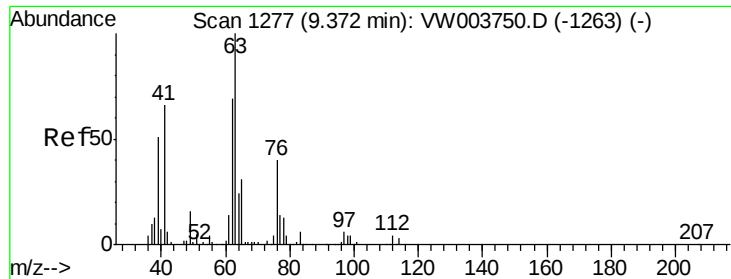
apatel
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#44
Trichloroethene
Concen: 21.207 ug/l
RT: 9.09 min Scan# 1231
Delta R.T. -0.00 min
Lab File: VW003873.D
Acq: 11 Jul 2018 19:41

Tgt Ion	Ratio	Lower	Upper
130	100		
95	105.4	0.0	203.8





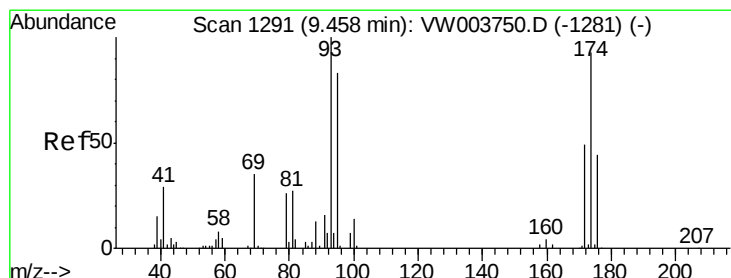
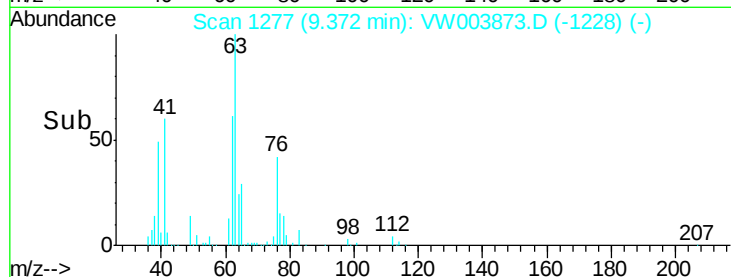
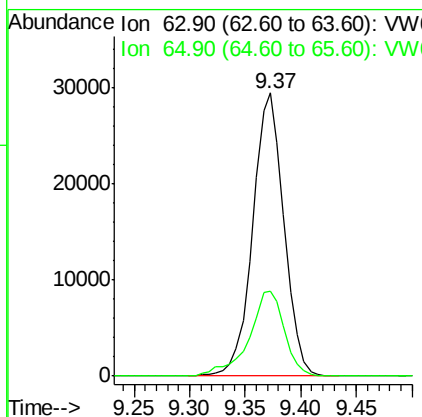
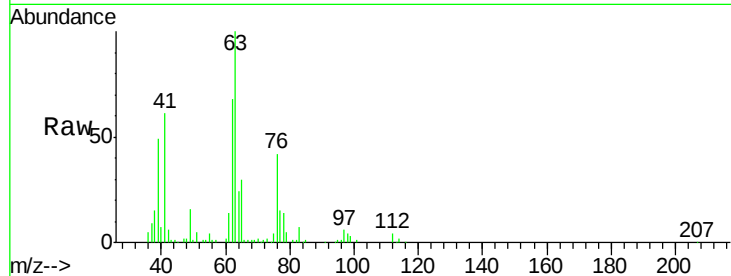
#45
 1,2-Dichloropropane
 Concen: 20.915 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: VW003873.D
 Acq: 11 Jul 2018 19:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0711SBSD01

Tot Ion: 63 Resp: 57423
 Ion Ratio Lower Upper
 63 100
 65 29.7 24.9 37.3

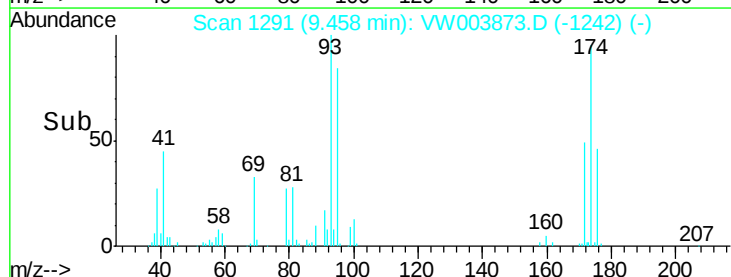
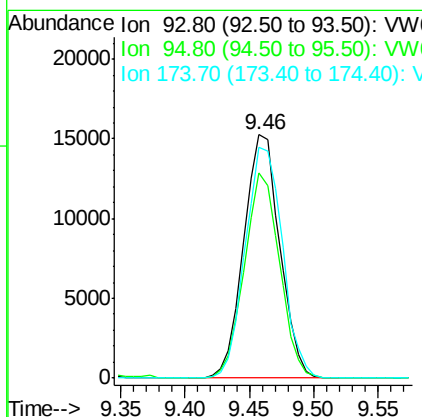
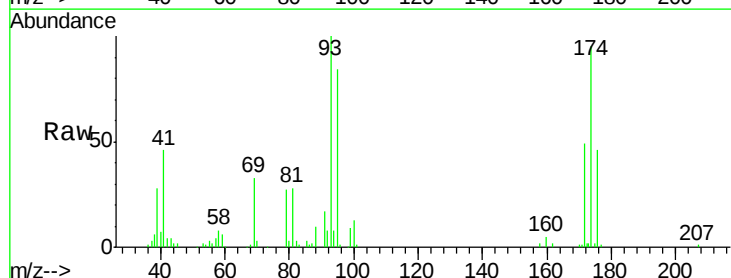
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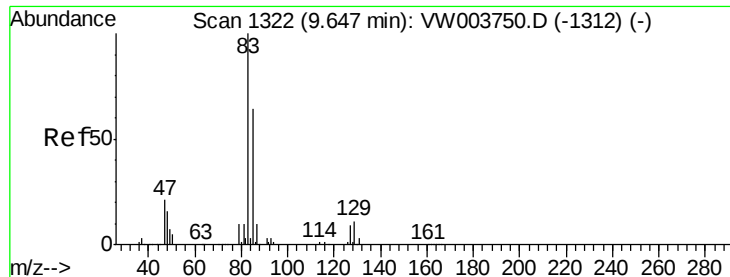
apatel
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#46
 Dibromomethane
 Concen: 20.488 ug/l
 RT: 9.46 min Scan# 1291
 Delta R.T. -0.00 min
 Lab File: VW003873.D
 Acq: 11 Jul 2018 19:41

Tgt Ion: 93 Resp: 29578
 Ion Ratio Lower Upper
 93 100
 95 82.1 67.2 100.8
 174 97.8 78.1 117.1





#47

Bromodichloromethane

Concen: 20.414 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VW003873.D

Acq: 11 Jul 2018 19:41

Instrument :

MSVOA_W

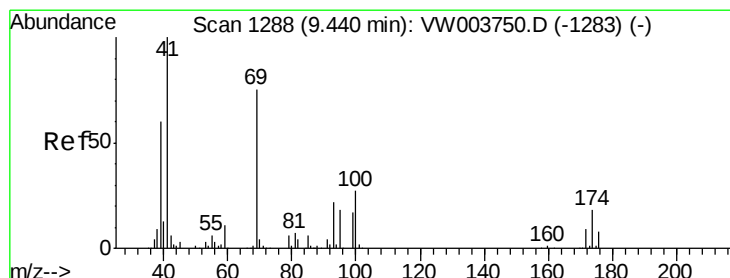
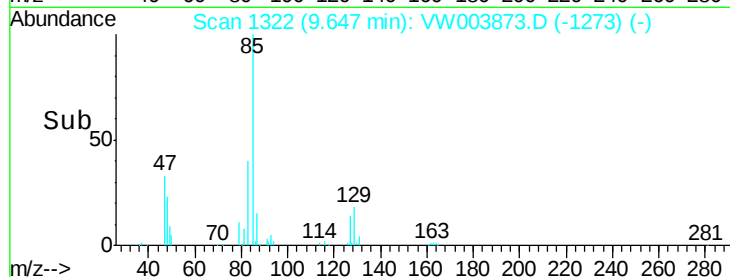
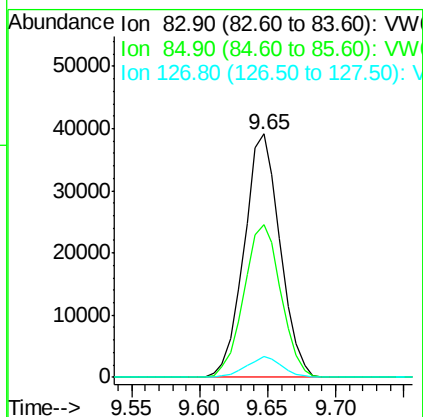
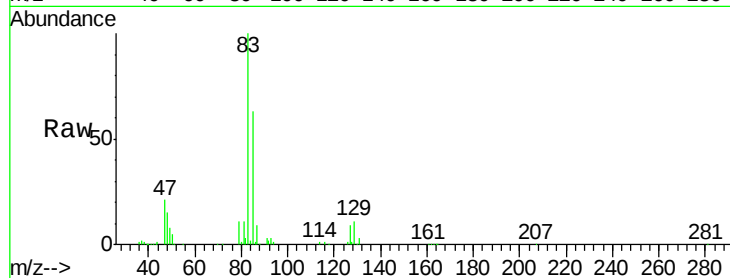
ClientSampleId :

VW0711SBSD01

Tot Ion:	83	Resp:	72501
Ion Ratio	Lower	Upper	
83	100		
85	62.7	51.4	77.0
127	8.6	6.8	10.2

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#48

Methyl methacrylate

Concen: 20.128 ug/l

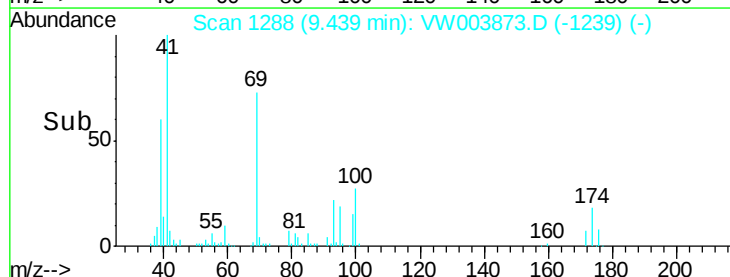
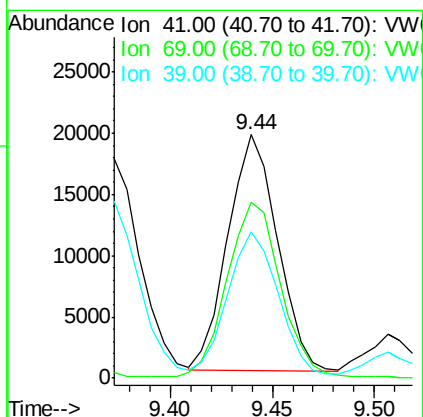
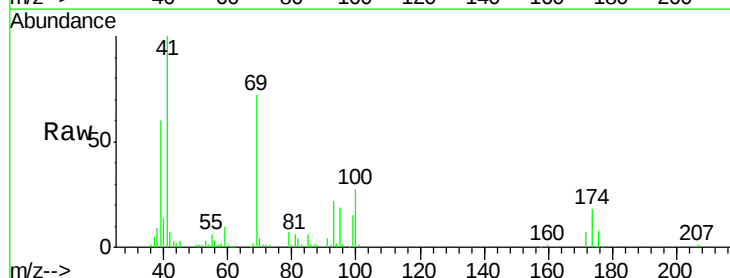
RT: 9.44 min Scan# 1288

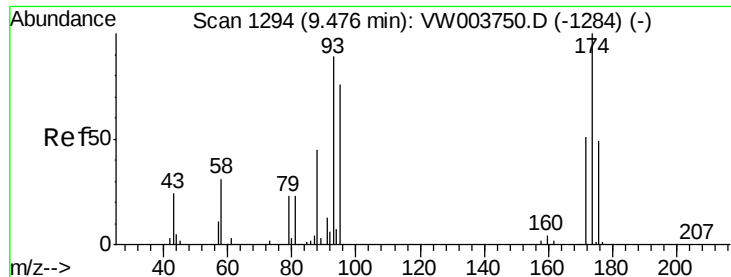
Delta R.T. -0.00 min

Lab File: VW003873.D

Acq: 11 Jul 2018 19:41

Tgt Ion:	41	Resp:	32651
Ion Ratio	Lower	Upper	
41	100		
69	81.5	63.8	95.8
39	64.3	50.2	75.2





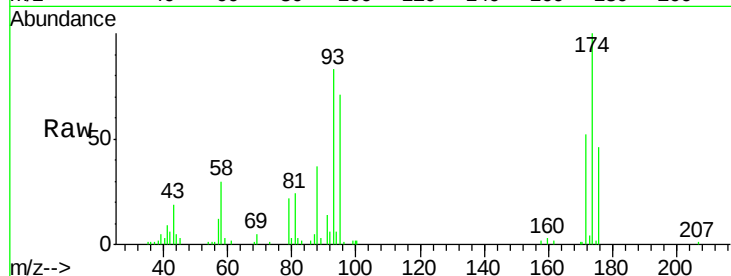
#49
1,4-Dioxane
Concen: 388.018 ug/l
RT: 9.48 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VW003873.D
Acq: 11 Jul 2018 19:41

Instrument :
MSVOA_W
ClientSampleId :
VW0711SBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	81.6	59.7	89.5

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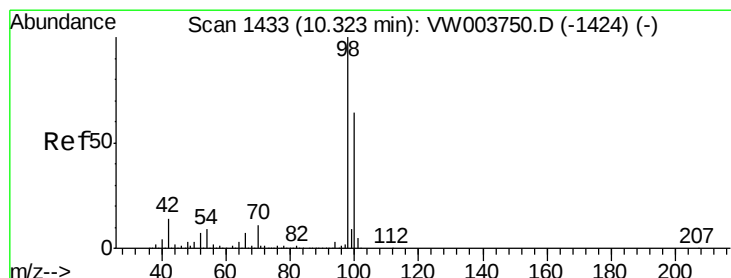
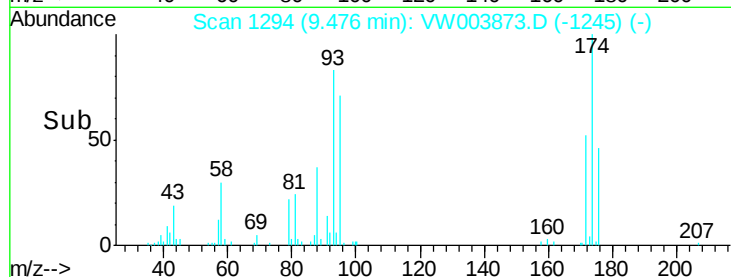
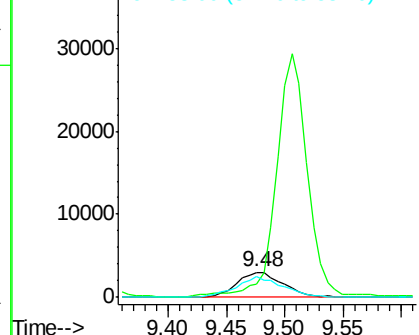


Abundance

Ion 88.00 (87.70 to 88.70): VW

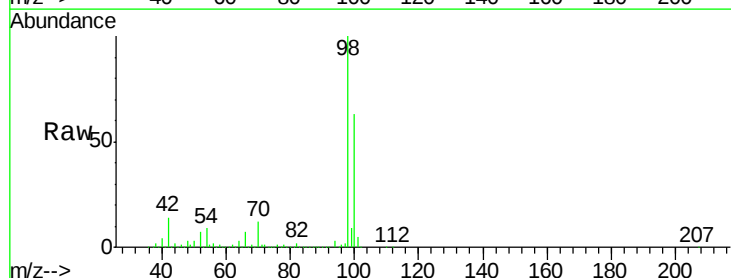
Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50
Toluene-d8
Concen: 50.657 ug/l
RT: 10.32 min Scan# 1433
Delta R.T. -0.00 min
Lab File: VW003873.D
Acq: 11 Jul 2018 19:41

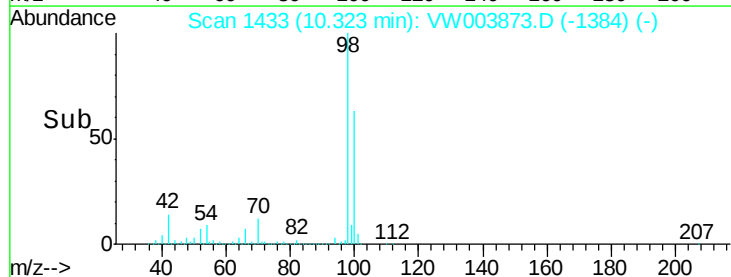
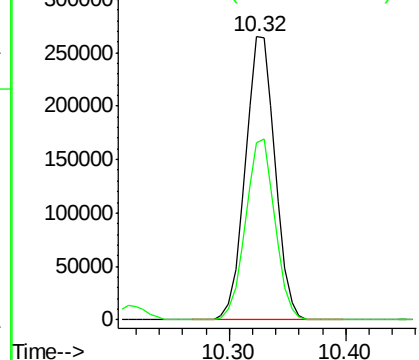
Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.1	50.8	76.2

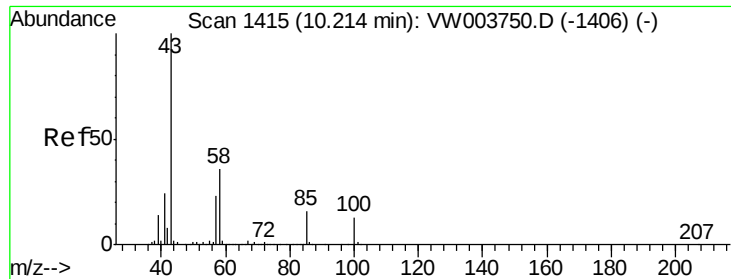


Abundance

Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





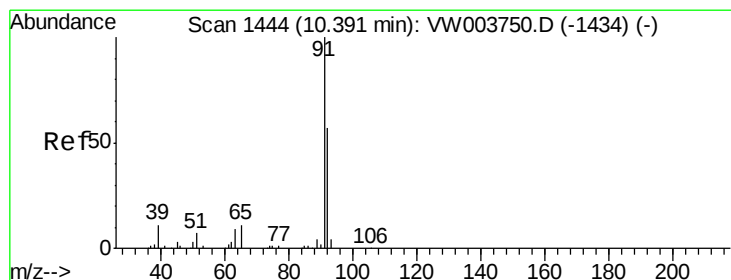
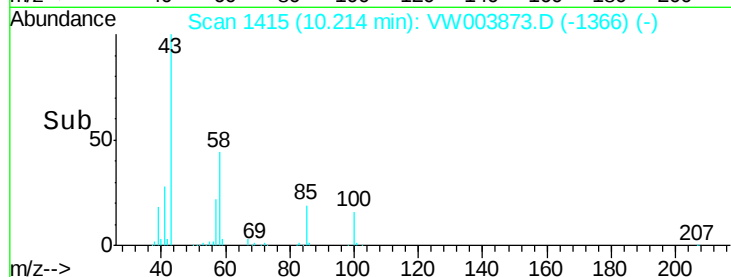
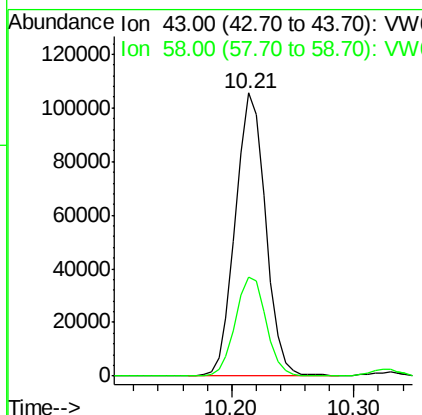
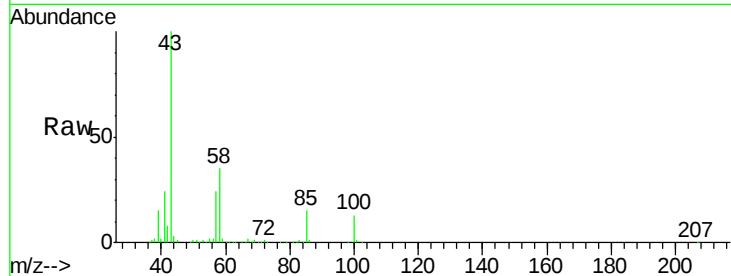
#51
4-Methyl-2-Pentanone
Concen: 102.510 ug/l
RT: 10.21 min Scan# 1415
Delta R.T. -0.00 min
Lab File: VW003873.D
Acq: 11 Jul 2018 19:41

Instrument :
MSVOA_W
ClientSampleId :
VW0711SBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	35.6	29.3	43.9

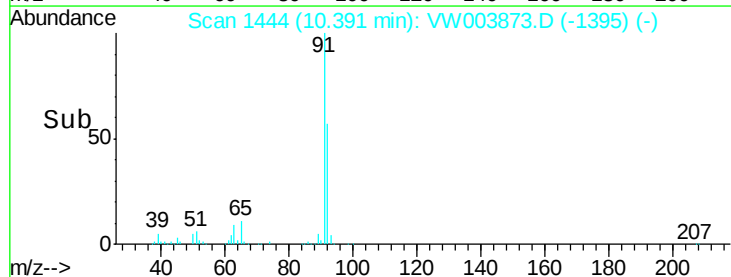
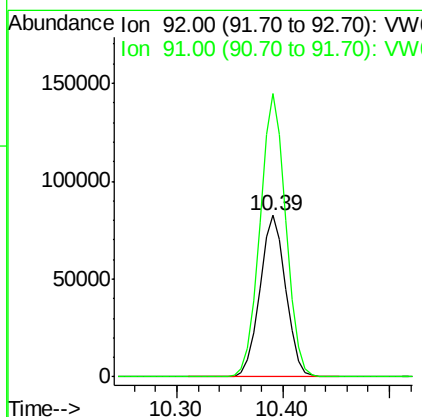
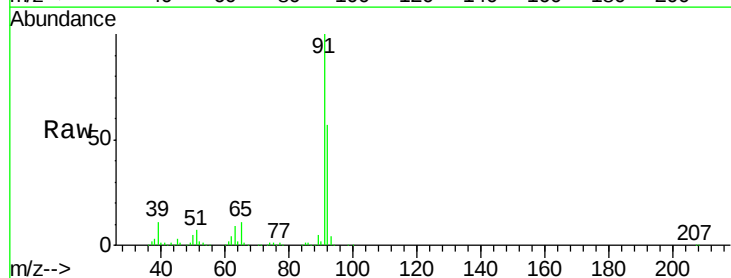
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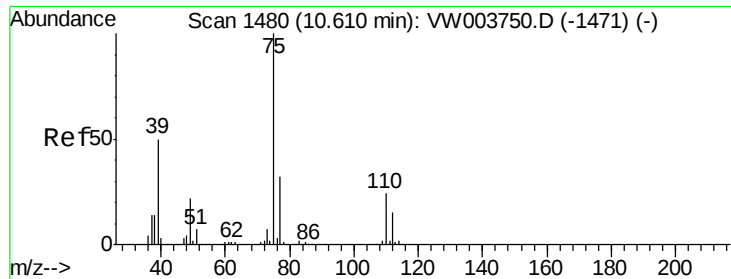
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#52
Toluene
Concen: 21.459 ug/l
RT: 10.39 min Scan# 1444
Delta R.T. -0.00 min
Lab File: VW003873.D
Acq: 11 Jul 2018 19:41

Tgt Ion	Ratio	Lower	Upper
92	100		
91	174.7	140.6	211.0





#53

t-1,3-Dichloropropene

Concen: 20.677 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW003873.D

Acq: 11 Jul 2018 19:41

Instrument :

MSVOA_W

ClientSampleId :

VW0711SBSD01

Tot Ion: 75 Resp: 73321

Ion Ratio Lower Upper

75 100

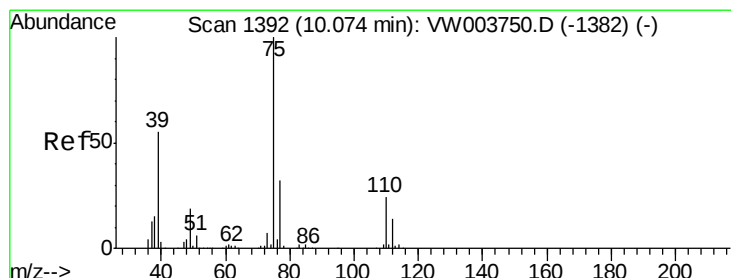
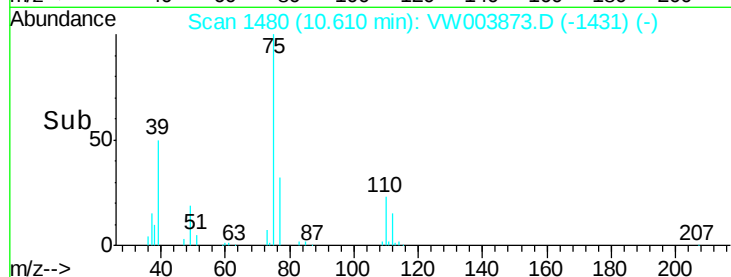
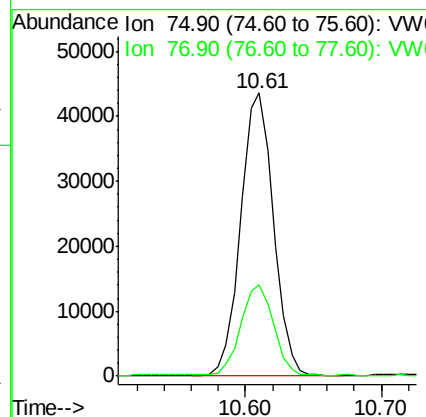
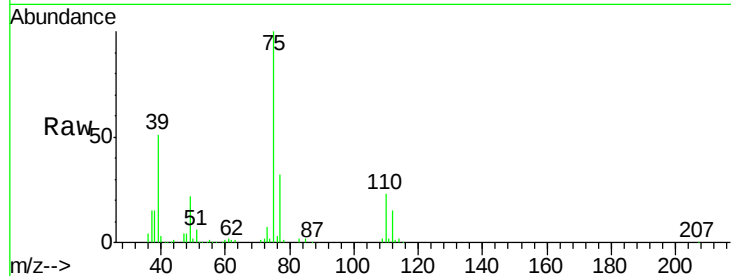
77 31.8 25.5 38.3

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#54

cis-1,3-Dichloropropene

Concen: 20.812 ug/l

RT: 10.07 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW003873.D

Acq: 11 Jul 2018 19:41

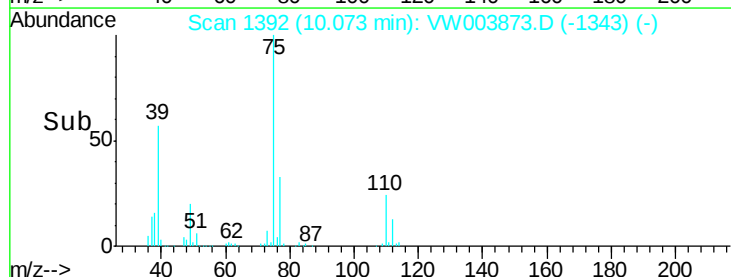
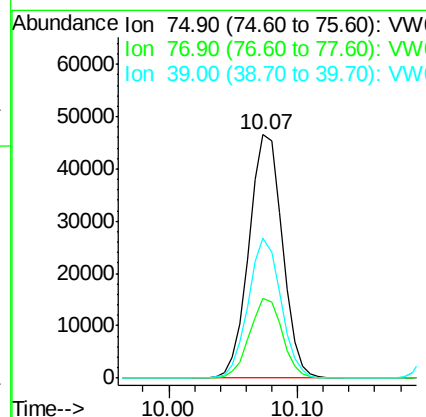
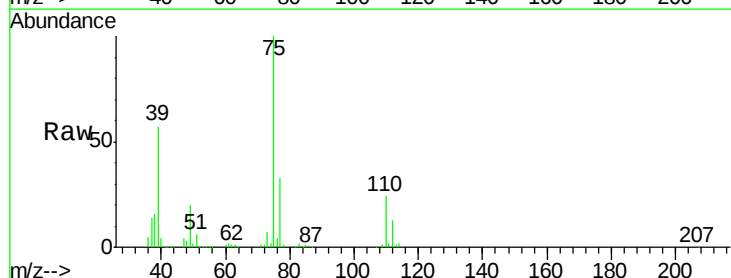
Tgt Ion: 75 Resp: 83312

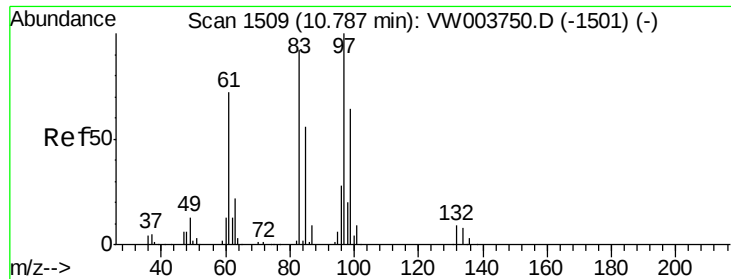
Ion Ratio Lower Upper

75 100

77 32.9 25.6 38.4

39 57.4 43.6 65.4





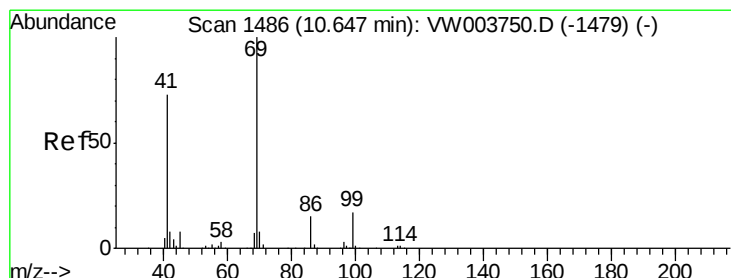
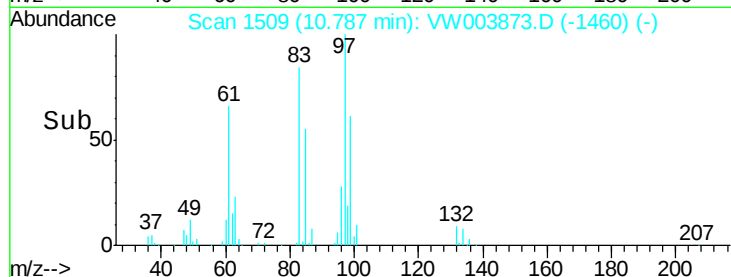
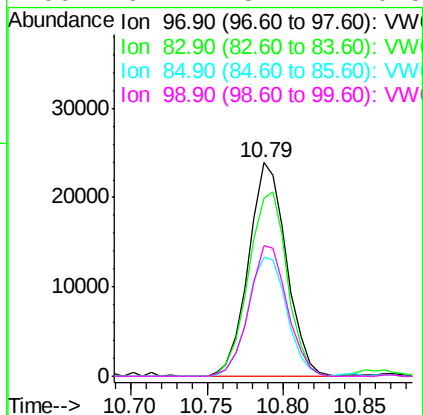
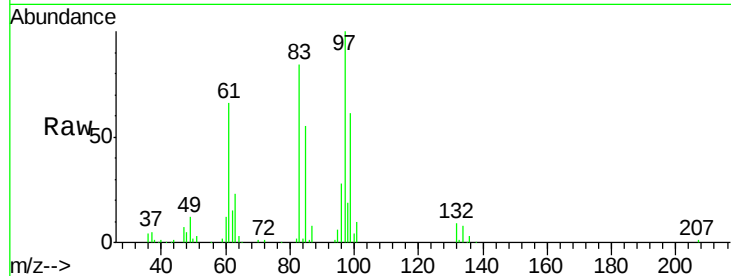
#55
 1,1,2-Trichloroethane
 Concen: 20.563 ug/l
 RT: 10.79 min Scan# 1509
 Delta R.T. -0.00 min
 Lab File: VW003873.D
 Acq: 11 Jul 2018 19:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0711SBSD01

Tot Ion	Ratio	Lower	Upper
97	100		
83	83.5	73.8	110.6
85	55.5	45.0	67.4
99	61.4	51.2	76.8

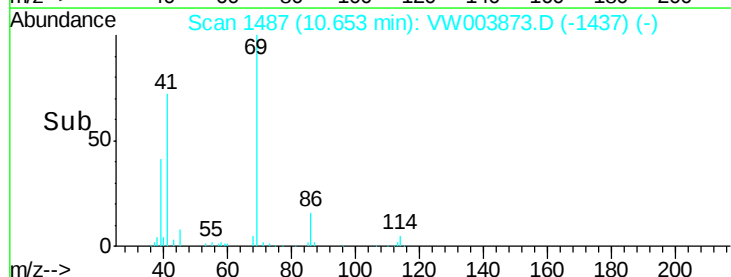
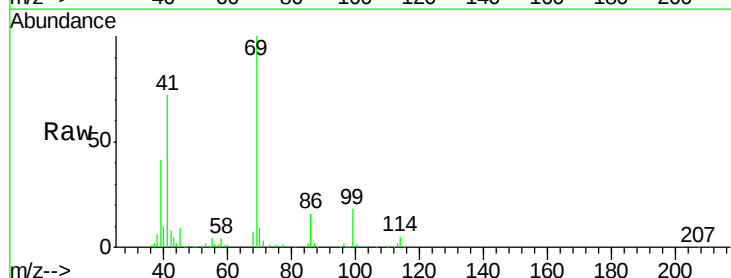
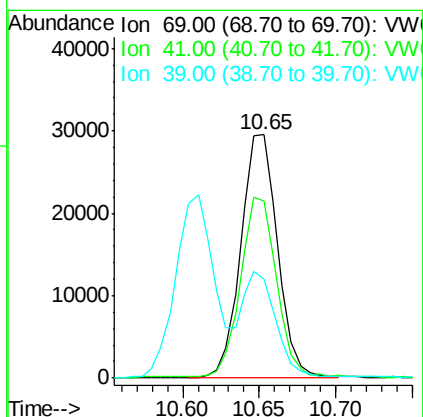
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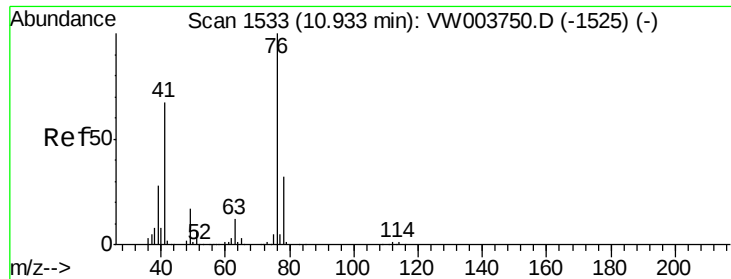
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#56
 Ethyl methacrylate
 Concen: 20.149 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.01 min
 Lab File: VW003873.D
 Acq: 11 Jul 2018 19:41

Tgt Ion	Ratio	Lower	Upper
69	100		
41	72.6	59.0	88.4
39	37.1	32.8	49.2





#57

1,3-Dichloropropane

Concen: 20.837 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. 0.01 min

Lab File: VW003873.D

Acq: 11 Jul 2018 19:41

Instrument :

MSVOA_W

ClientSampleId :

VW0711SBSD01

Tot Ion: 76 Resp: 72819

Ion Ratio Lower Upper

76 100

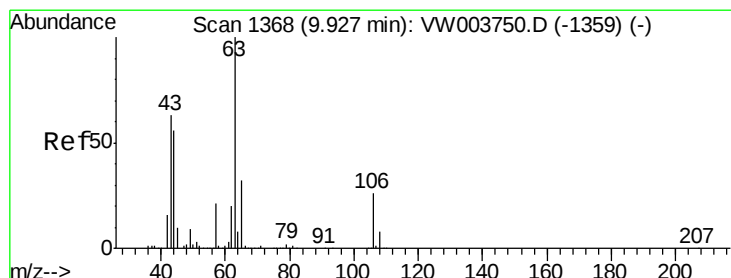
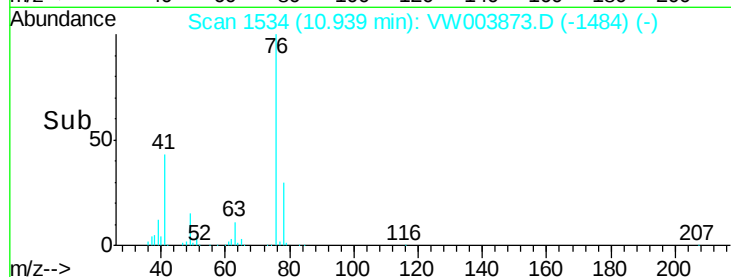
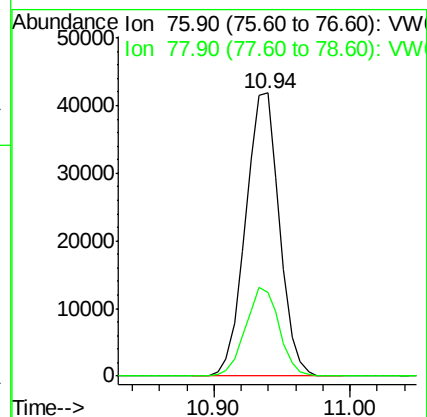
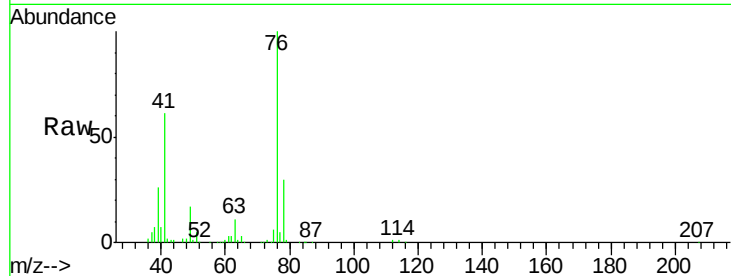
78 31.3 25.6 38.4

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#58

2-Chloroethyl Vinyl ether

Concen: 93.054 ug/l

RT: 9.93 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VW003873.D

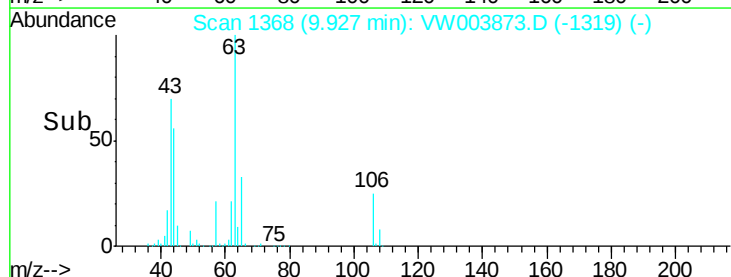
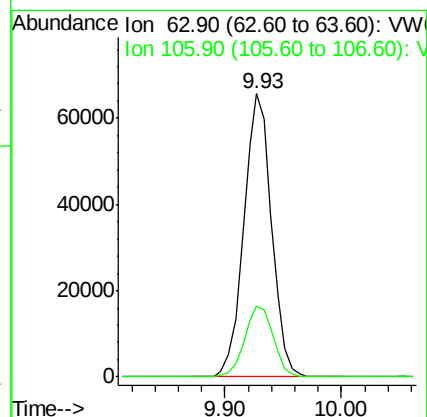
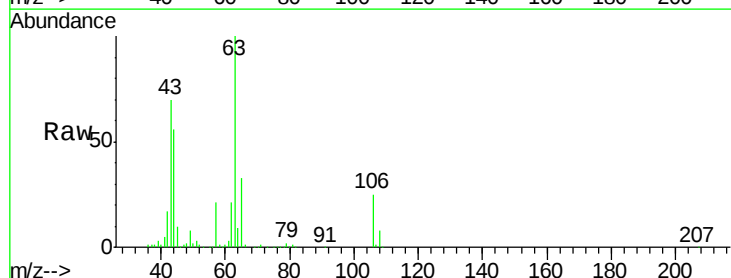
Acq: 11 Jul 2018 19:41

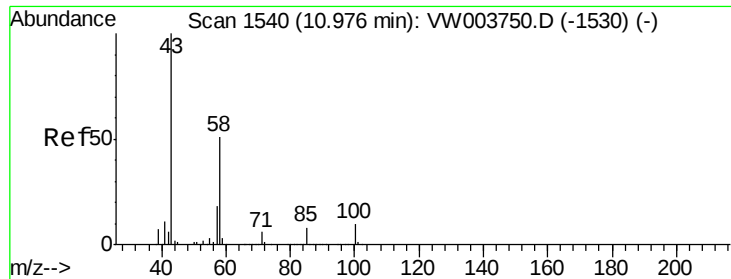
Tgt Ion: 63 Resp: 108638

Ion Ratio Lower Upper

63 100

106 25.9 20.9 31.3





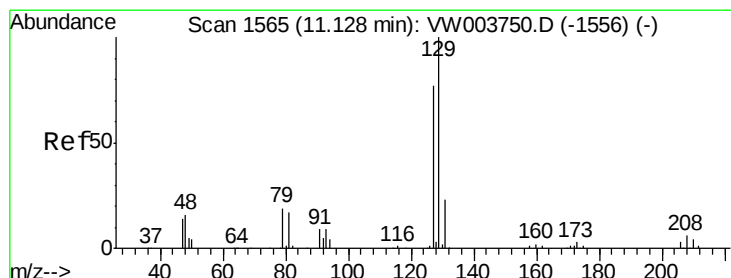
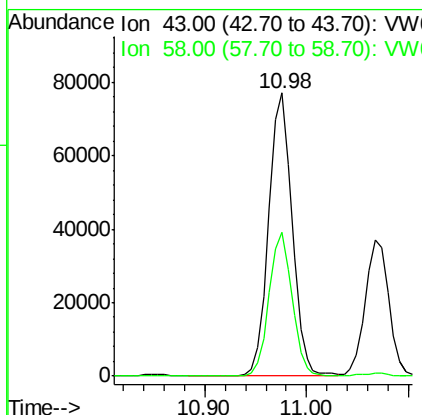
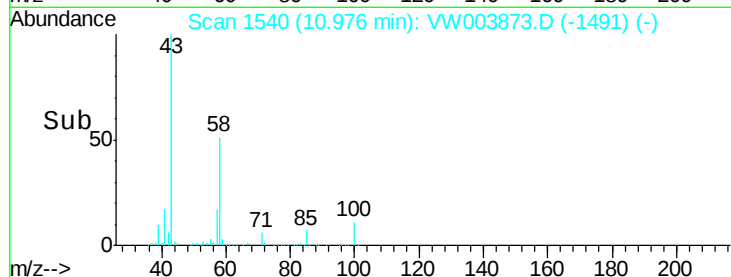
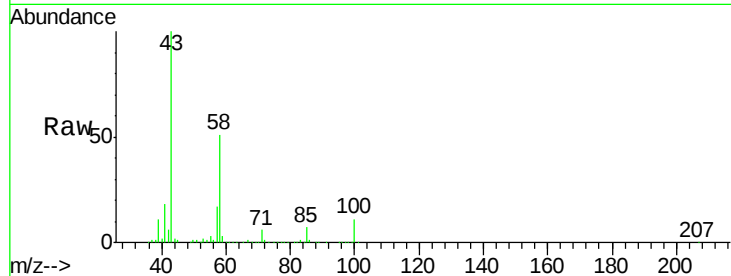
#59
2-Hexanone
Concen: 101.794 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW003873.D
Acq: 11 Jul 2018 19:41

Instrument :
MSVOA_W
ClientSampleId :
VW0711SBSD01

Tot Ion: 43 Resp: 123206
Ion Ratio Lower Upper
43 100
58 49.9 25.4 76.2

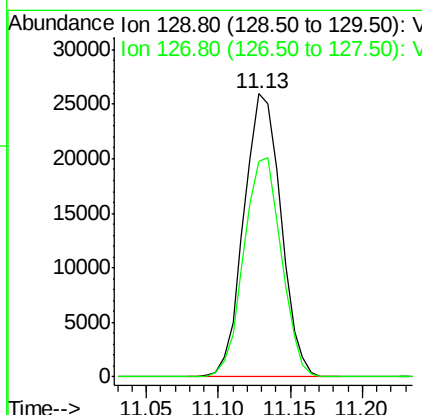
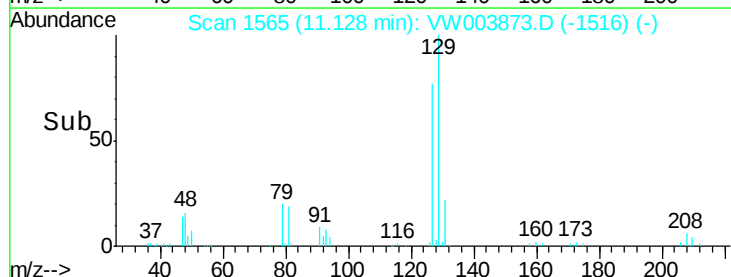
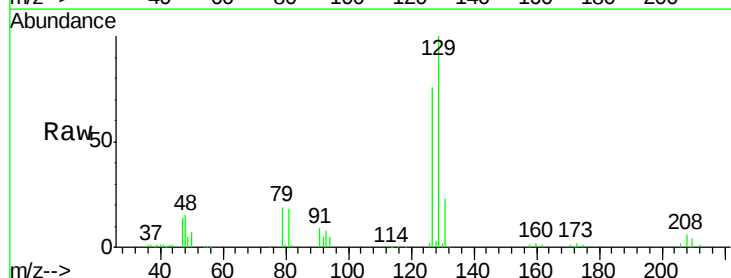
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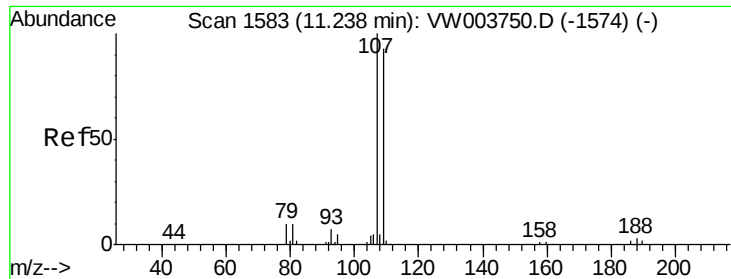
apatel
7/12/2018 10:59:03 AM



#60
Dibromochloromethane
Concen: 19.788 ug/l
RT: 11.13 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VW003873.D
Acq: 11 Jul 2018 19:41

Tgt Ion:129 Resp: 46314
Ion Ratio Lower Upper
129 100
127 78.1 38.9 116.6





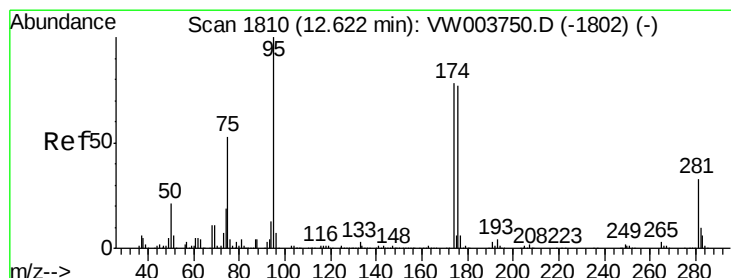
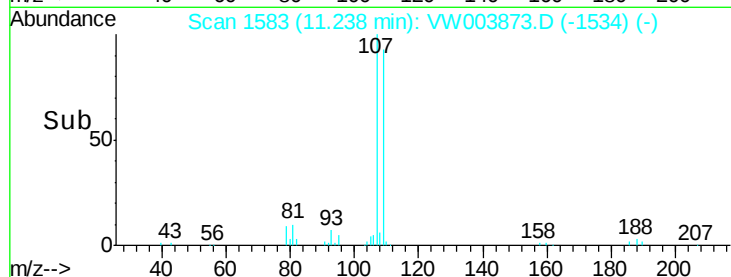
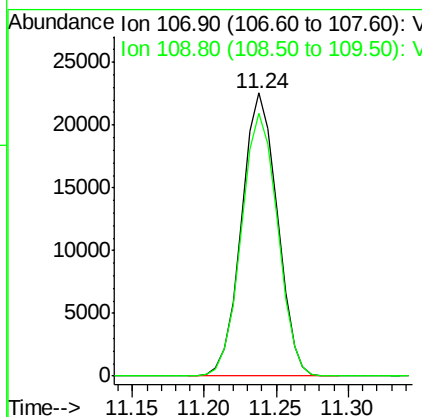
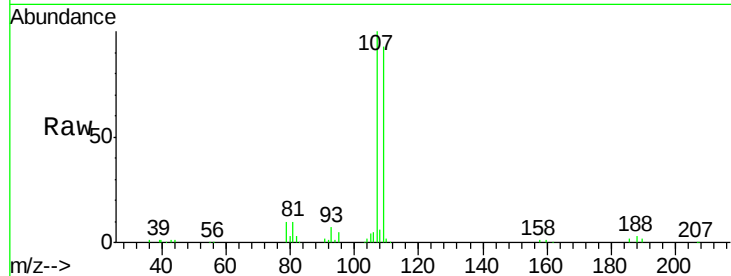
#61
 1,2-Dibromoethane
 Concen: 20.239 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: VW003873.D
 Acq: 11 Jul 2018 19:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0711SBSD01

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.1	75.1	112.7

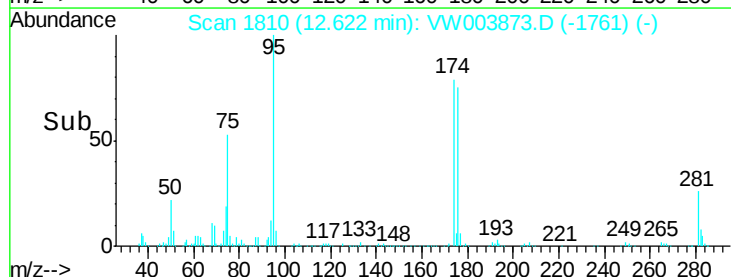
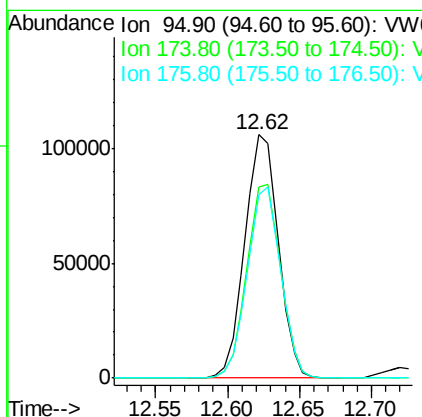
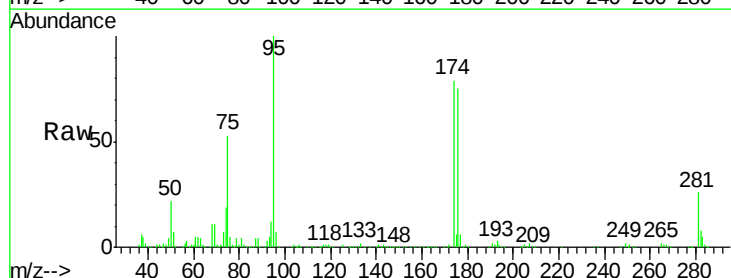
Manual Integrations
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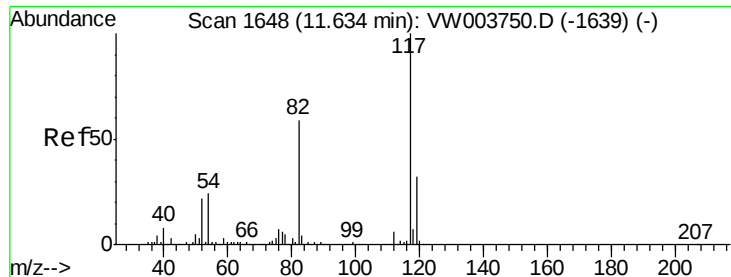
apatel
 7/12/2018 10:59:03 AM



#62
 4-Bromofluorobenzene
 Concen: 50.621 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VW003873.D
 Acq: 11 Jul 2018 19:41

Tgt Ion	Ratio	Lower	Upper
95	100		
174	80.3	0.0	163.4
176	78.0	0.0	156.8





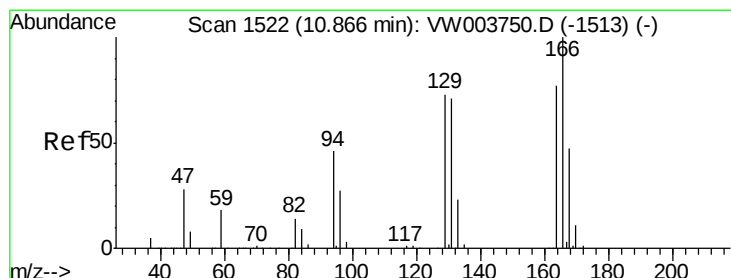
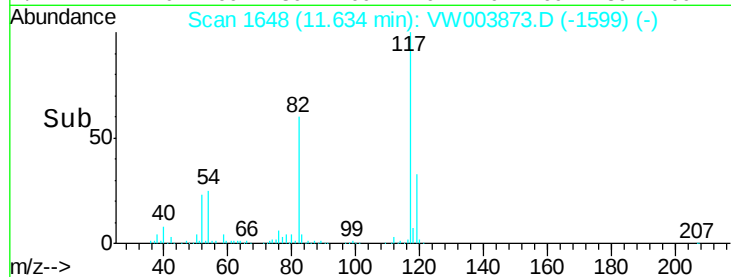
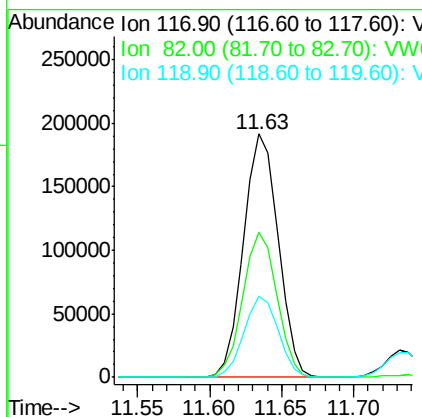
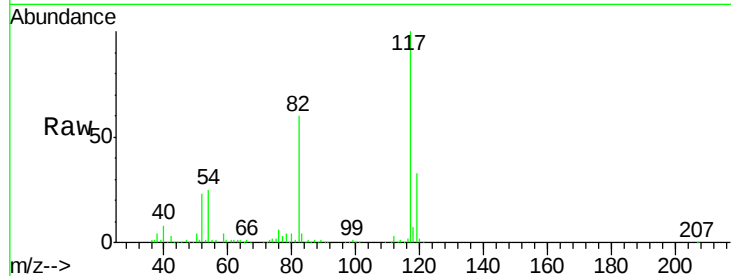
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW003873.D
Acq: 11 Jul 2018 19:41

Instrument :
MSVOA_W
ClientSampleId :
VW0711SBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.6	46.9	70.3
119	33.1	25.5	38.3

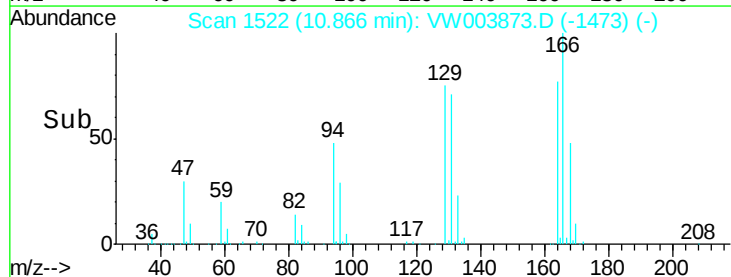
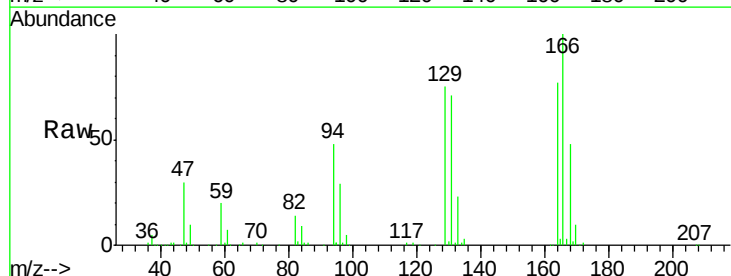
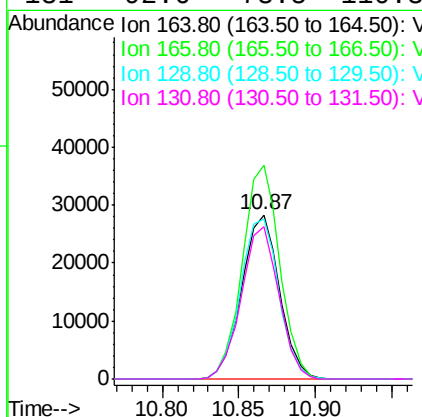
Manual Integrations
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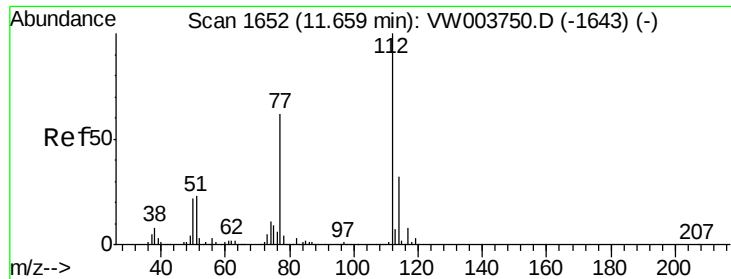
apatel
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#64
Tetrachloroethene
Concen: 20.542 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW003873.D
Acq: 11 Jul 2018 19:41

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.0	104.2	156.4
129	97.5	75.8	113.8
131	92.6	73.5	110.3





#65

Chlorobenzene

Concen: 21.475 ug/l

RT: 11.66 min Scan# 1652

Delta R.T. -0.00 min

Lab File: VW003873.D

Acq: 11 Jul 2018 19:41

Instrument :

MSVOA_W

ClientSampleId :

VW0711SBSD01

Tot Ion:112 Resp: 151545

Ion Ratio Lower Upper

112 100

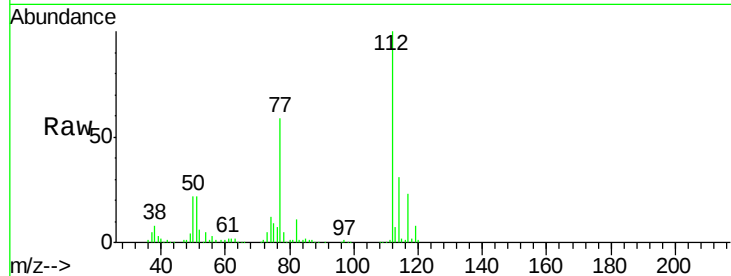
114 31.2 26.0 39.0

Manual Integrations

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.66

100000

80000

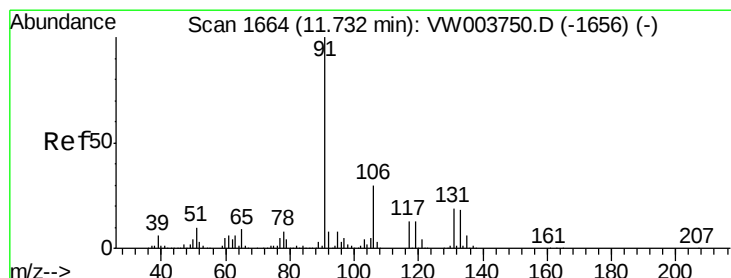
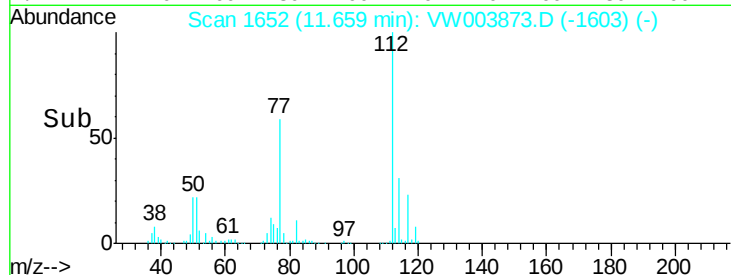
60000

40000

20000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 20.547 ug/l

RT: 11.73 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VW003873.D

Acq: 11 Jul 2018 19:41

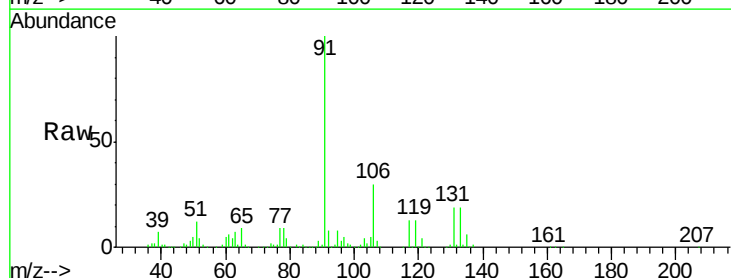
Tgt Ion:131 Resp: 50669

Ion Ratio Lower Upper

131 100

133 96.9 48.0 144.2

119 65.9 33.2 99.6



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

80000

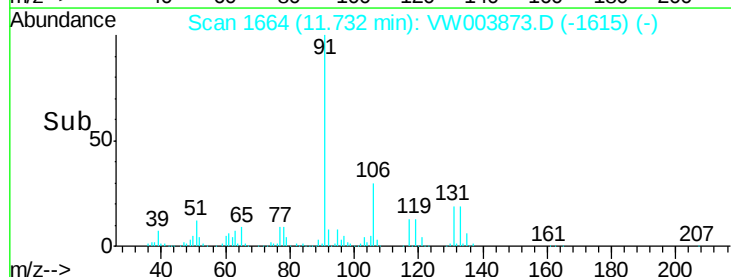
60000

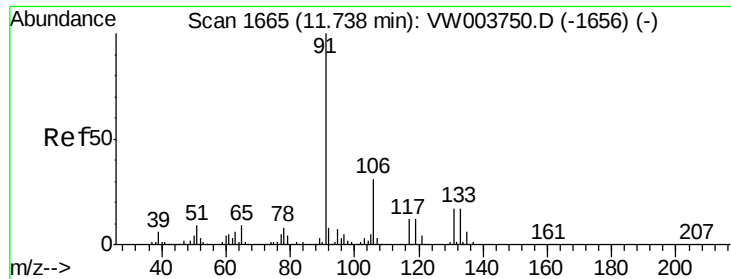
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20000

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Time-->





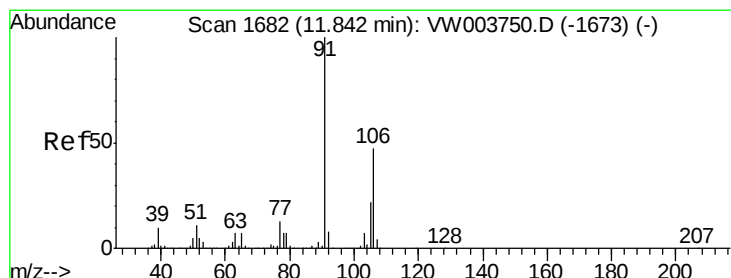
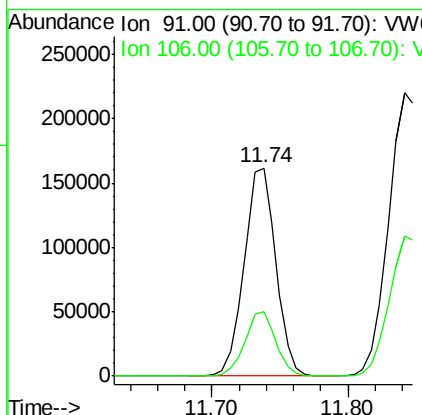
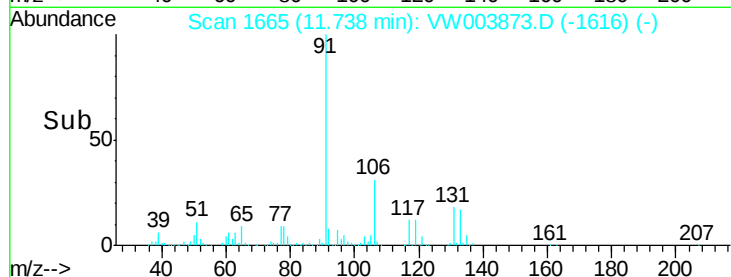
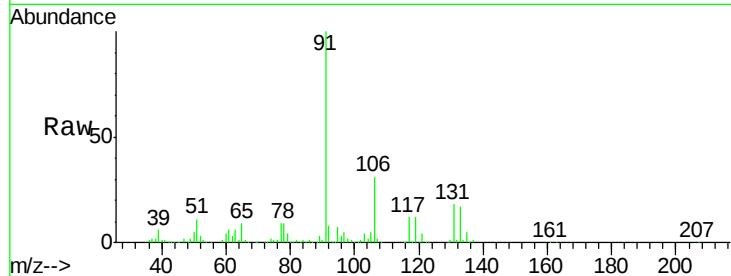
#67
Ethyl Benzene
Concen: 21.778 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW003873.D
Acq: 11 Jul 2018 19:41

Instrument :
MSVOA_W
ClientSampleId :
VW0711SBSD01

Tot Ion: 91 Resp: 262787
Ion Ratio Lower Upper
91 100
106 30.9 24.6 37.0

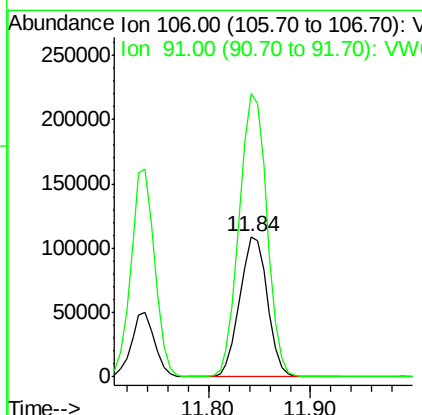
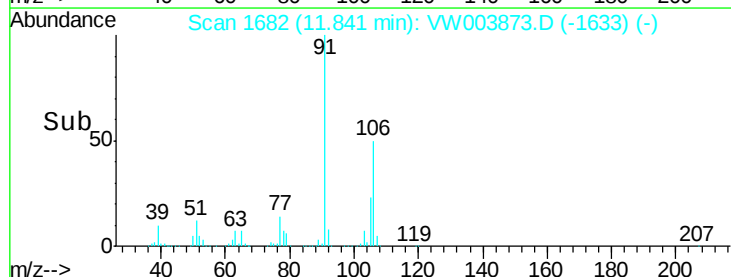
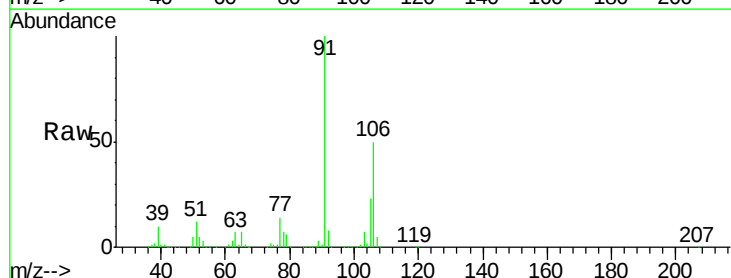
Manual Integrations
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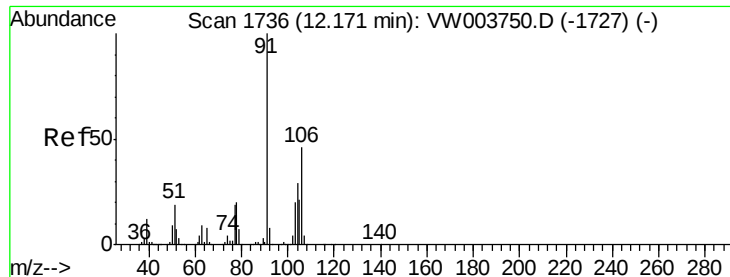
apatel
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#68
m/p-Xylenes
Concen: 44.274 ug/l
RT: 11.84 min Scan# 1682
Delta R.T. -0.00 min
Lab File: VW003873.D
Acq: 11 Jul 2018 19:41

Tgt Ion: 106 Resp: 204578
Ion Ratio Lower Upper
106 100
91 203.0 164.3 246.5





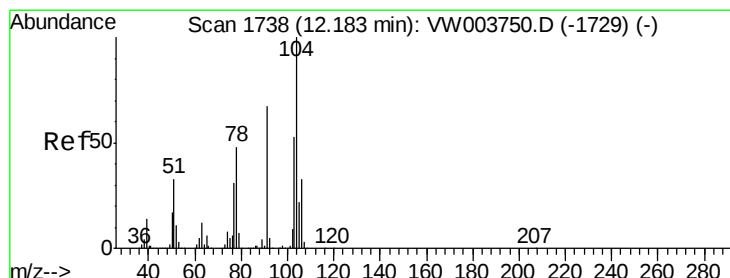
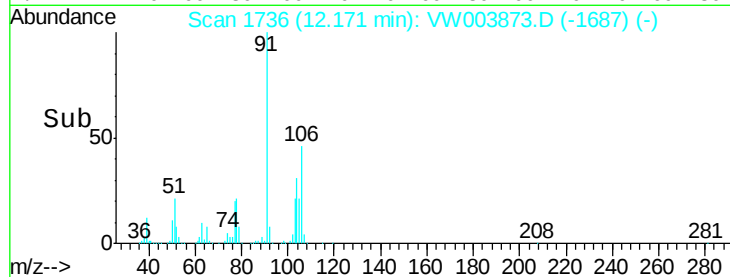
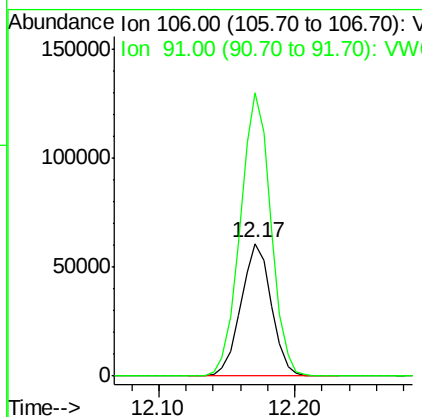
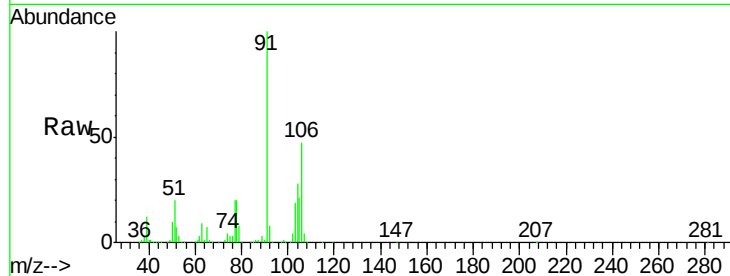
#69
o-Xylene
Concen: 22.232 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW003873.D
Acq: 11 Jul 2018 19:41

Instrument :
MSVOA_W
ClientSampleId :
VW0711SBSD01

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	215.0	109.1	327.2	

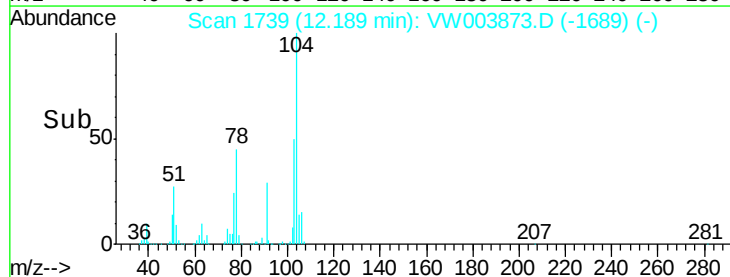
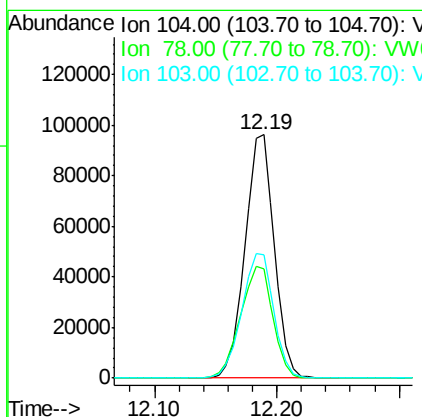
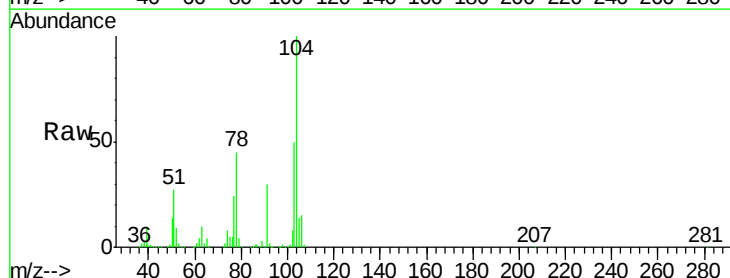
Manual Integrations
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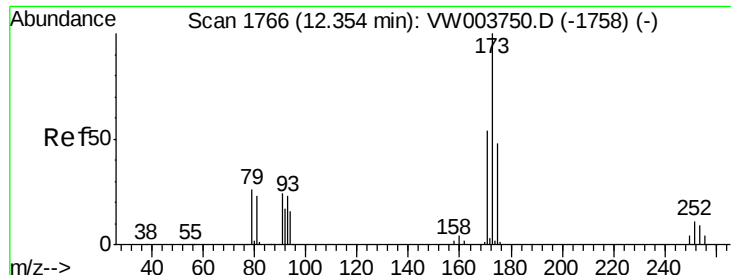
apatel
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#70
Styrene
Concen: 22.124 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.01 min
Lab File: VW003873.D
Acq: 11 Jul 2018 19:41

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	51.0	41.1	61.7	
103	55.9	44.6	67.0	





#71

Bromoform

Concen: 20.668 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. -0.00 min

Lab File: VW003873.D

Acq: 11 Jul 2018 19:41

Instrument :

MSVOA_W

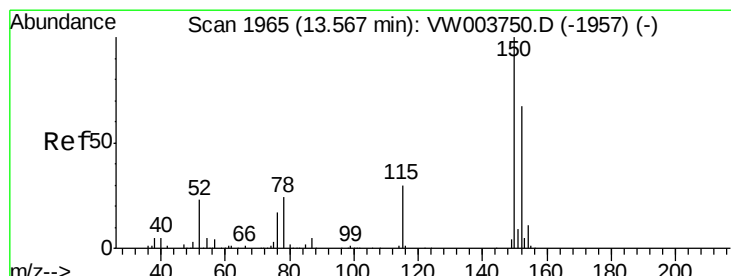
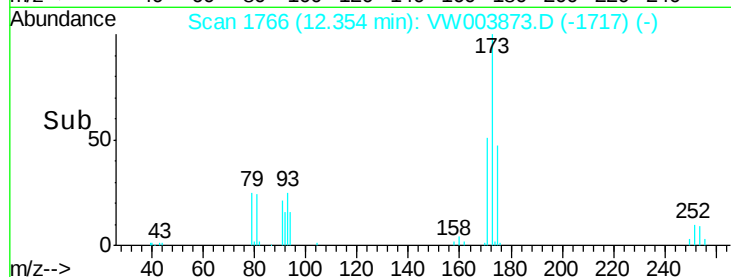
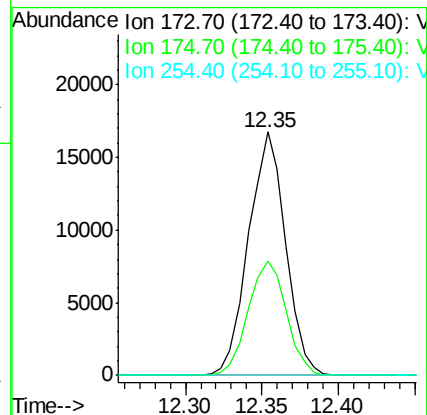
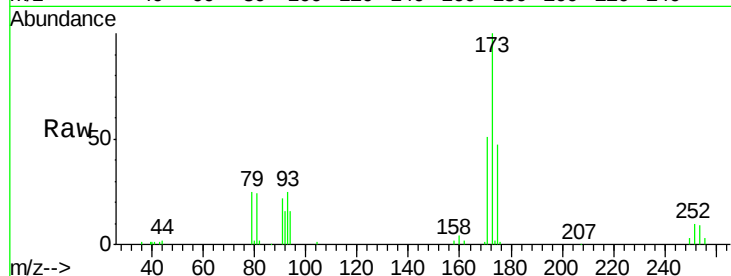
ClientSampleId :

VW0711SBSD01

Tot Ion:	173	Resp:	28128
Ion Ratio	Lower	Upper	
173	100		
175	48.3	24.1	72.4
254	0.0	0.0	0.0

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

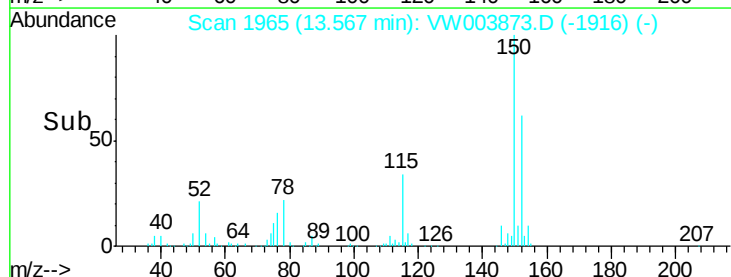
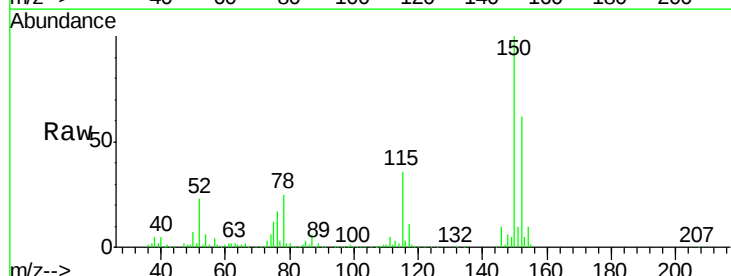
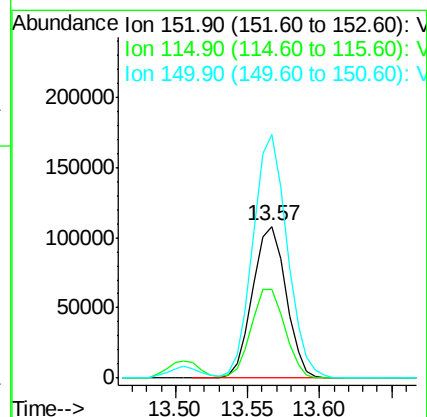
RT: 13.57 min Scan# 1965

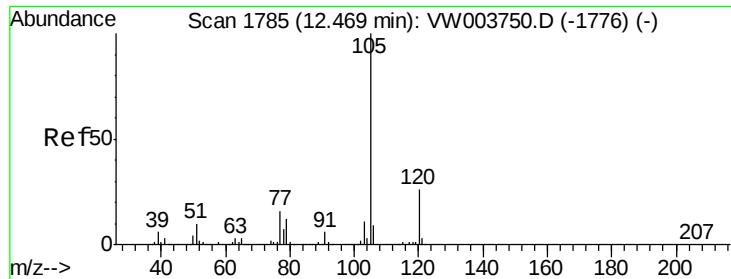
Delta R.T. -0.00 min

Lab File: VW003873.D

Acq: 11 Jul 2018 19:41

Tgt Ion:	152	Resp:	173294
Ion Ratio	Lower	Upper	
152	100		
115	59.2	28.9	86.8
150	164.6	0.0	342.4





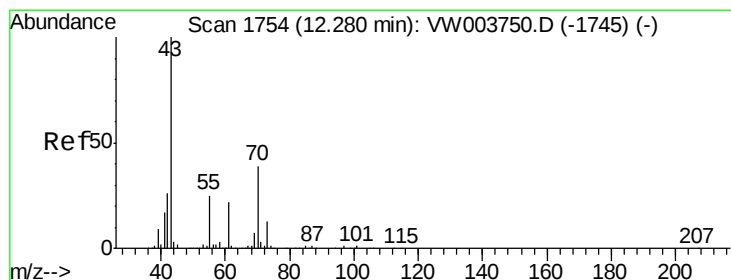
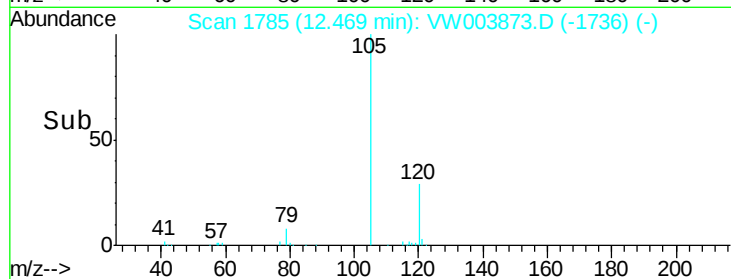
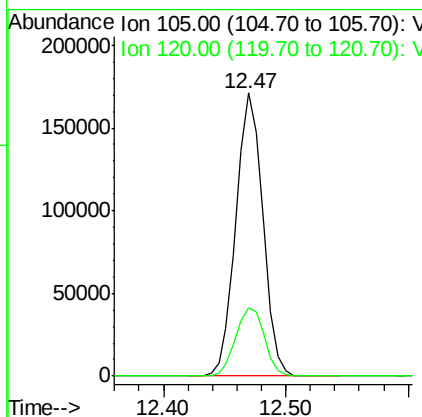
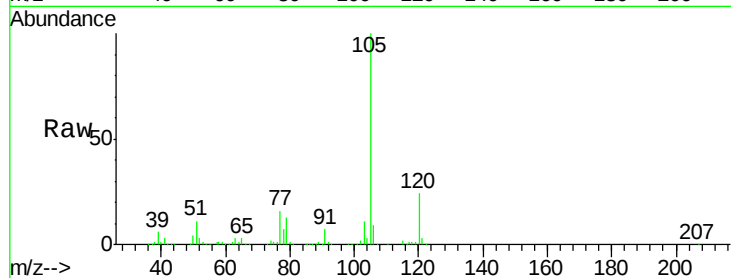
#73
Isopropylbenzene
Concen: 22.209 ug/l
RT: 12.47 min Scan# 1785
Delta R.T. -0.00 min
Lab File: VW003873.D
Acq: 11 Jul 2018 19:41

Instrument :
MSVOA_W
ClientSampleId :
VW0711SBSD01

Tot Ion	Ratio	Lower	Upper
105	100		
120	25.6	13.1	39.3

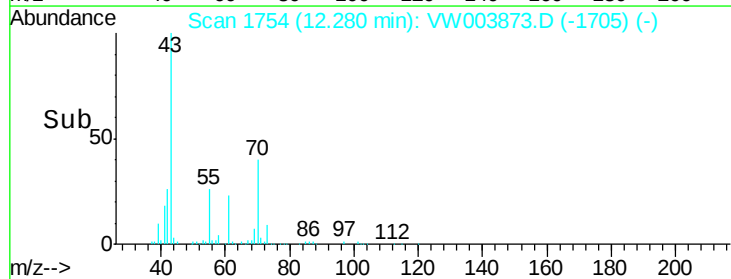
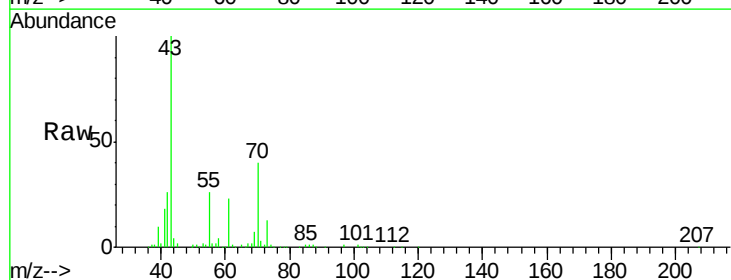
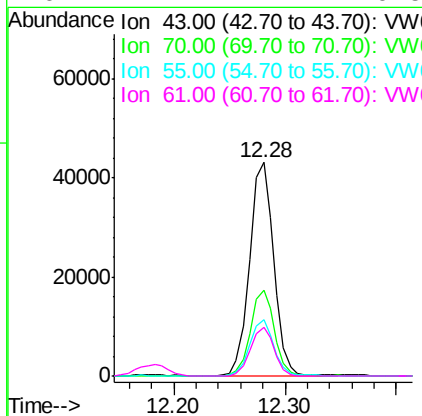
Manual Integrations
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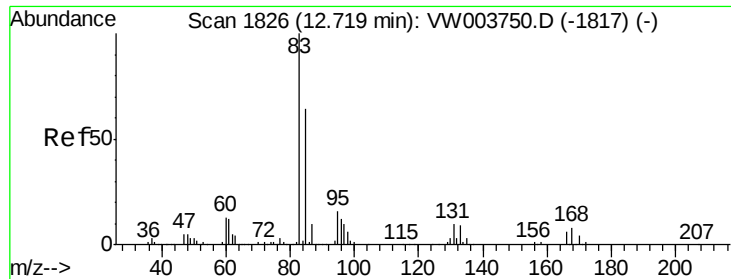
apatel
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#74
N-ethyl acetate
Concen: 20.519 ug/l
RT: 12.28 min Scan# 1754
Delta R.T. -0.00 min
Lab File: VW003873.D
Acq: 11 Jul 2018 19:41

Tgt Ion	Ratio	Lower	Upper
43	100		
70	39.6	31.3	46.9
55	26.6	20.1	30.1
61	22.4	17.7	26.5





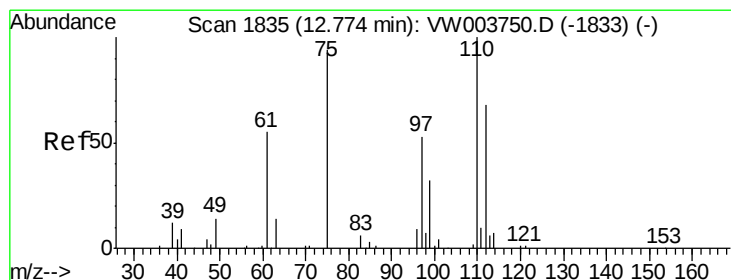
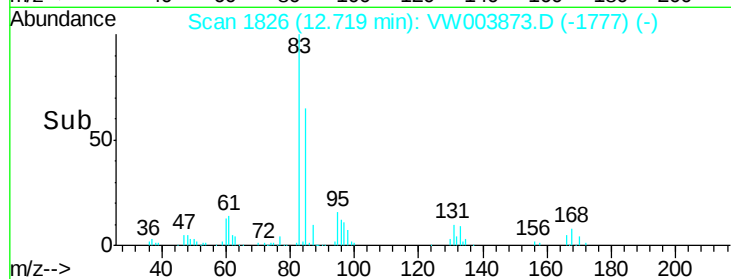
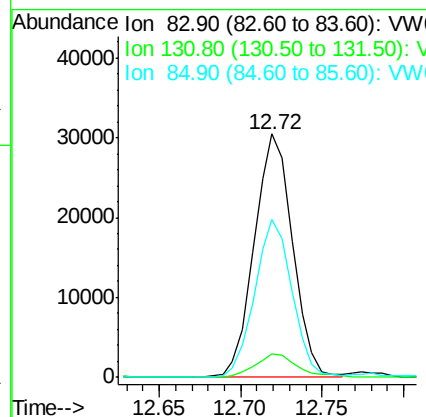
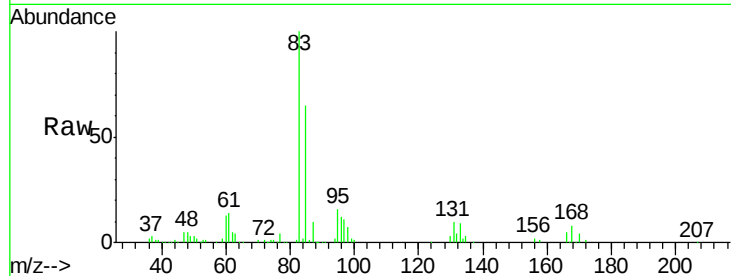
#75
 1,1,2,2-Tetrachloroethane
 Concen: 20.995 ug/l
 RT: 12.72 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VW003873.D
 Acq: 11 Jul 2018 19:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0711SBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
131	10.6	5.1	15.4
85	63.2	32.1	96.3

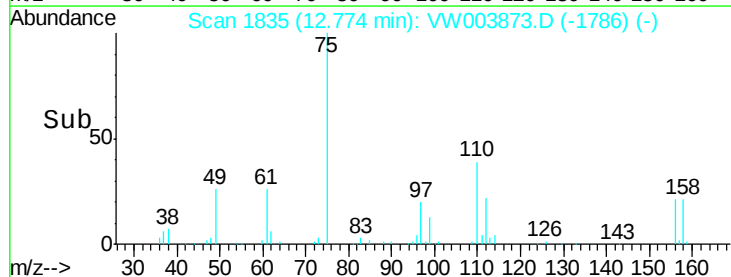
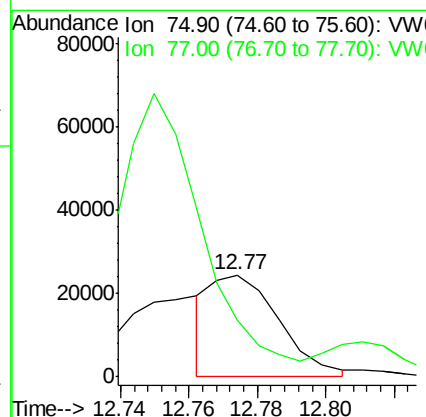
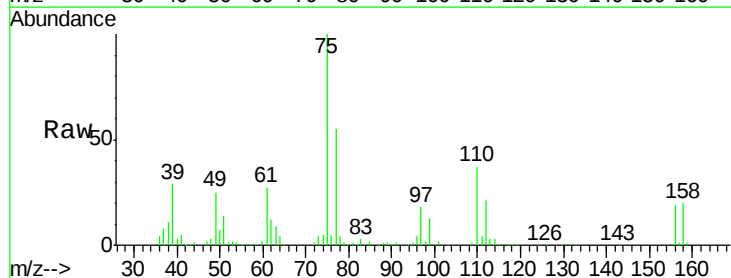
Manual Integrations
 APPROVED

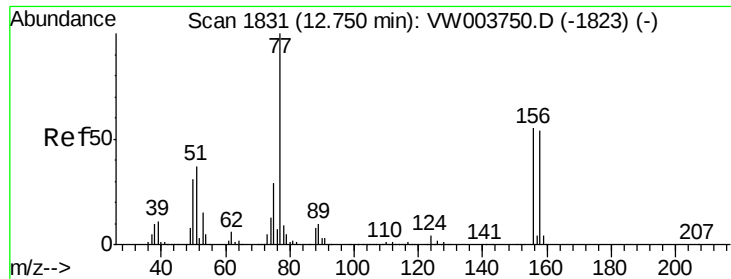
apatel
 7/12/2018 10:59:03 AM



#76
 1,2,3-Trichloropropane
 Concen: 19.958 ug/l m
 RT: 12.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VW003873.D
 Acq: 11 Jul 2018 19:41

Tgt Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 21.125 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VW003873.D

Acq: 11 Jul 2018 19:41

Instrument :

MSVOA_W

ClientSampleId :

VW0711SBSD01

Tot Ion:156 Resp: 61549

Ion Ratio Lower Upper

156 100

77 195.2 98.7 296.0

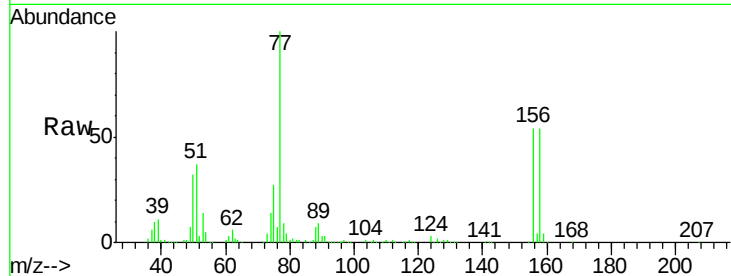
158 98.5 49.0 147.0

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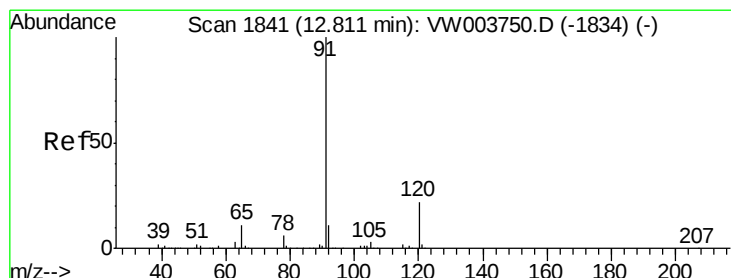
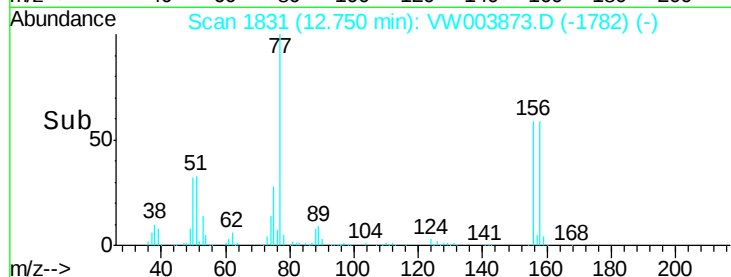
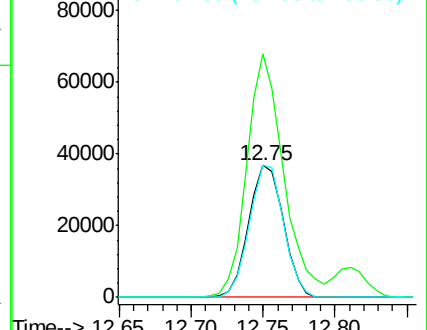
7/12/2018 10:59:03 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 22.558 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VW003873.D

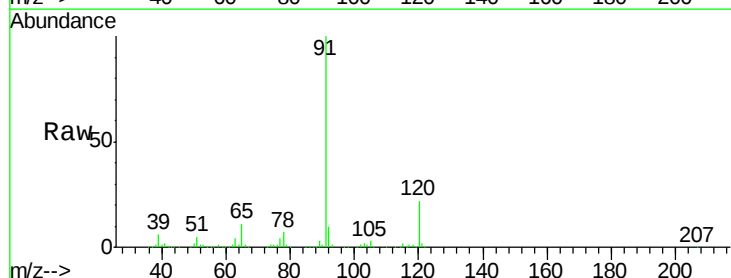
Acq: 11 Jul 2018 19:41

Tgt Ion: 91 Resp: 332331

Ion Ratio Lower Upper

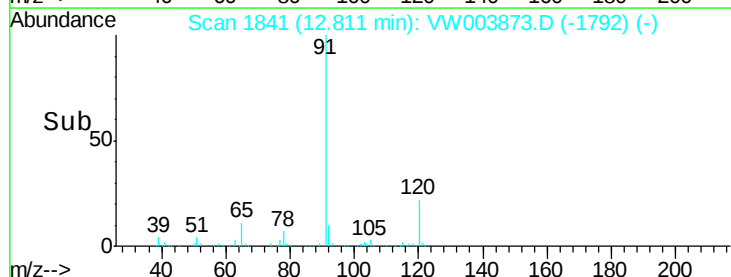
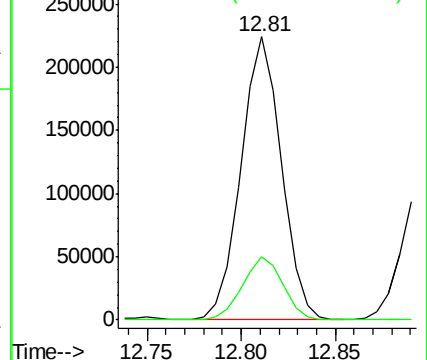
91 100

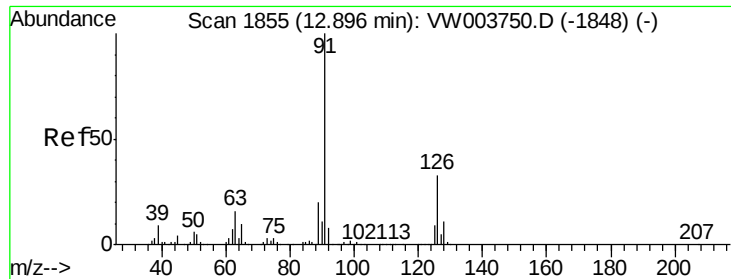
120 22.2 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





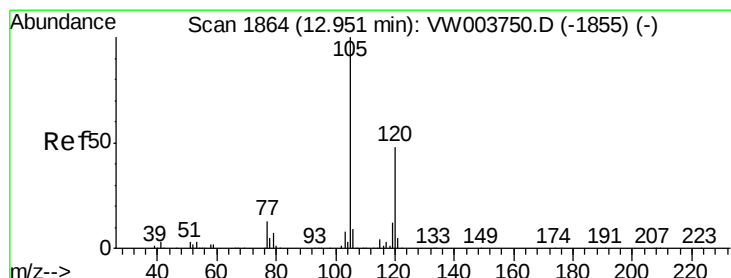
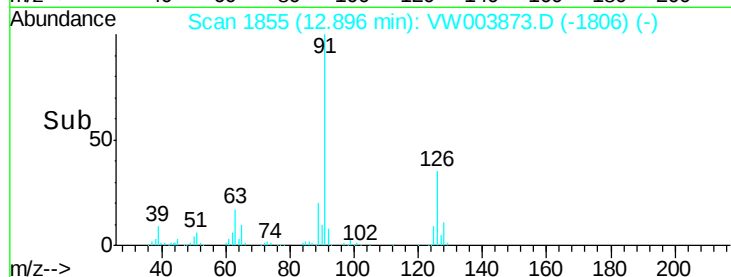
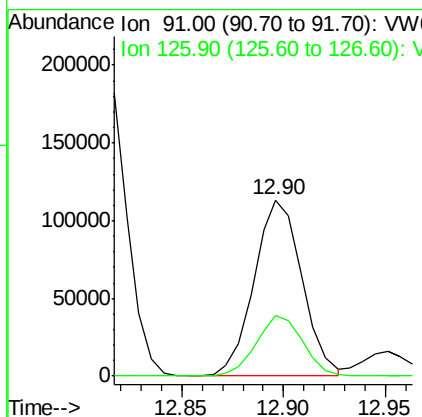
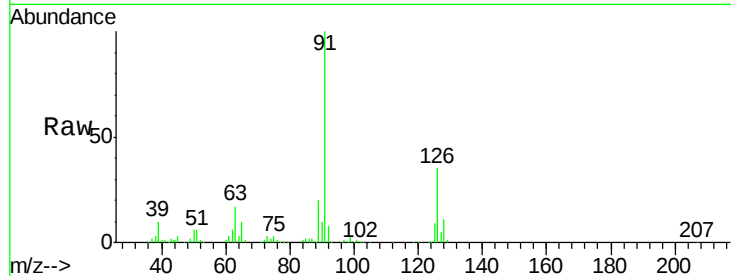
#79
 2-Chlorotoluene
 Concen: 21.808 ug/l
 RT: 12.90 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW003873.D
 Acq: 11 Jul 2018 19:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0711SBSD01

Tot Ion: 91 Resp: 184579
 Ion Ratio Lower Upper
 91 100
 126 33.9 17.0 51.0

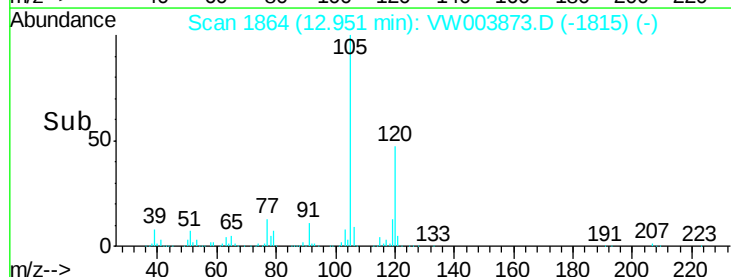
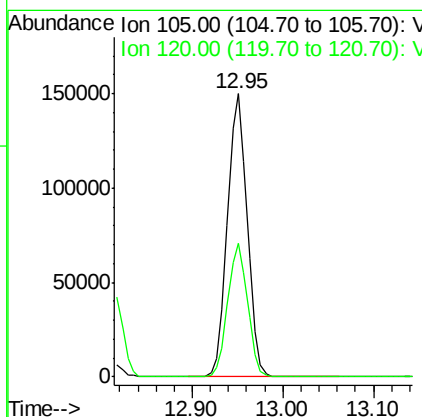
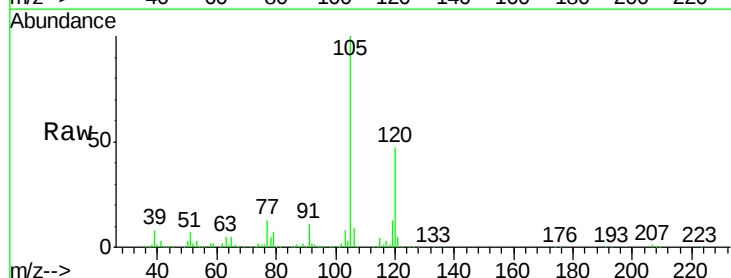
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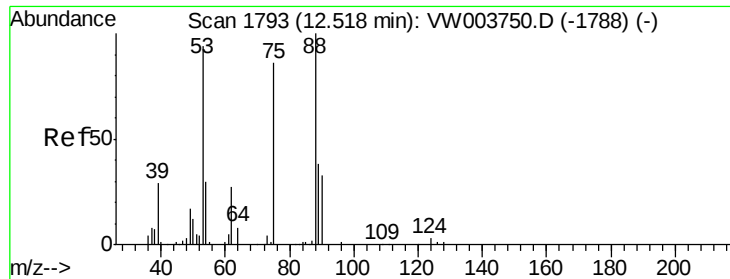
apatel
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#80
 1,3,5-Trimethylbenzene
 Concen: 22.417 ug/l
 RT: 12.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VW003873.D
 Acq: 11 Jul 2018 19:41

Tgt Ion:105 Resp: 226743
 Ion Ratio Lower Upper
 105 100
 120 47.4 24.2 72.6





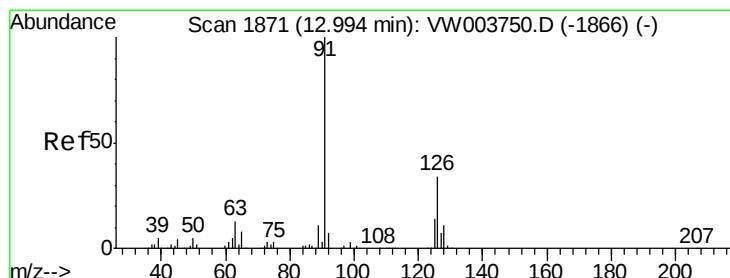
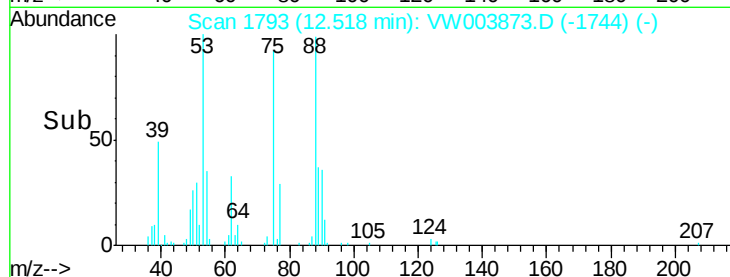
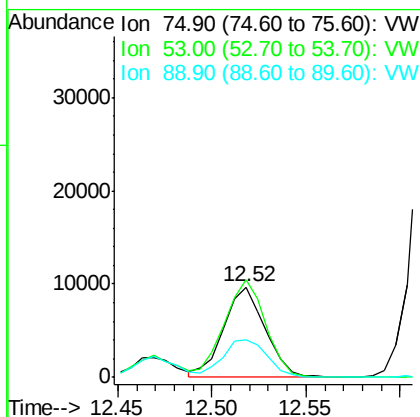
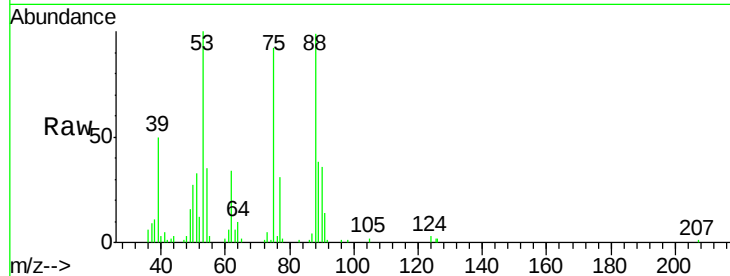
#81
trans-1,4-Dichloro-2-butene
Concen: 20.962 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VW003873.D
Acq: 11 Jul 2018 19:41

Instrument :
MSVOA_W
ClientSampleId :
VW0711SBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	109.7	85.0	127.6
89	44.6	36.3	54.5

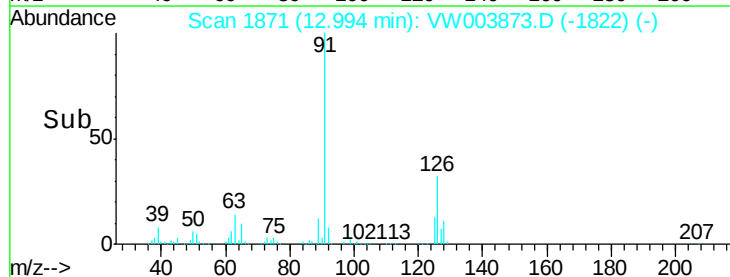
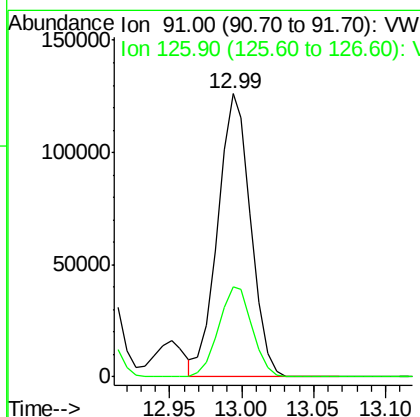
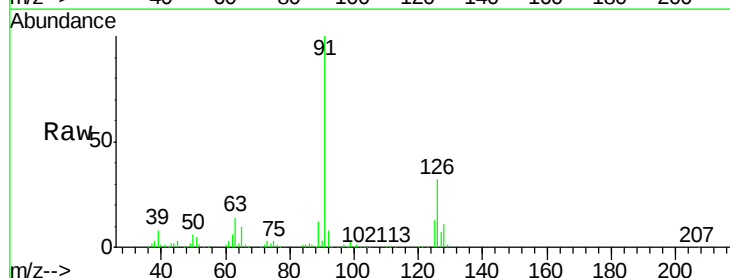
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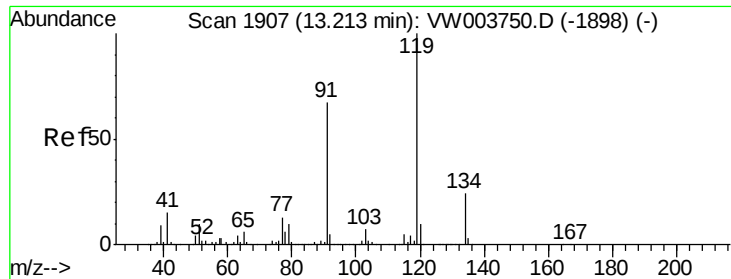
apatel
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#82
4-Chlorotoluene
Concen: 22.179 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. -0.00 min
Lab File: VW003873.D
Acq: 11 Jul 2018 19:41

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.5	16.5	49.5





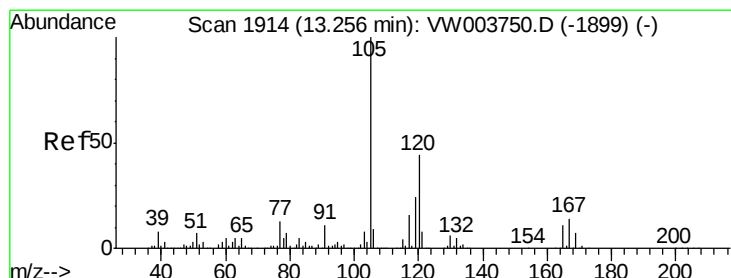
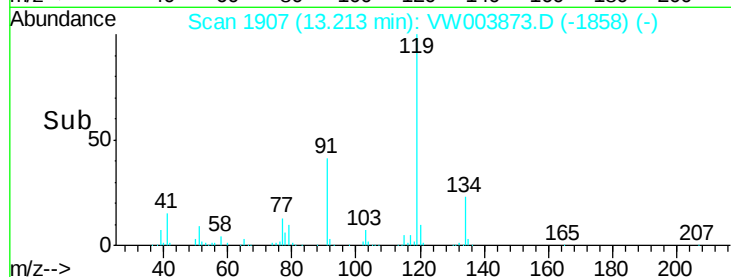
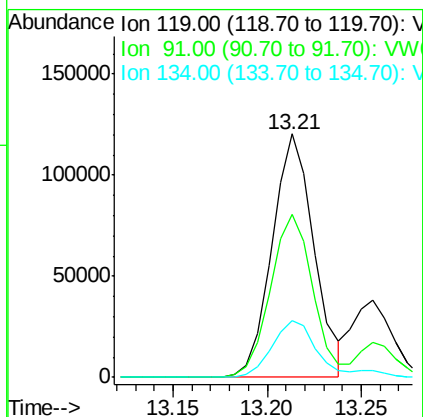
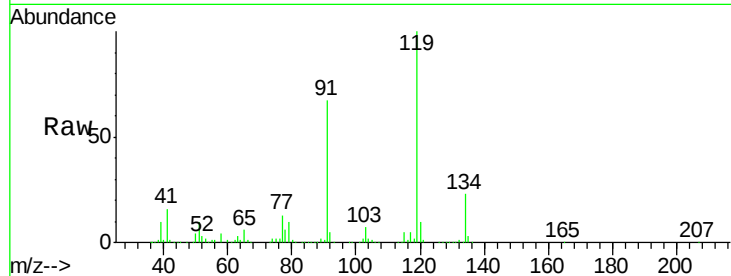
#83
tert-Butylbenzene
Concen: 22.278 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. -0.00 min
Lab File: VW003873.D
Acq: 11 Jul 2018 19:41

Instrument :
MSVOA_W
ClientSampleId :
VW0711SBSD01

Tot Ion	Ratio	Lower	Upper
119	100		
91	67.2	33.0	98.9
134	24.2	12.8	38.4

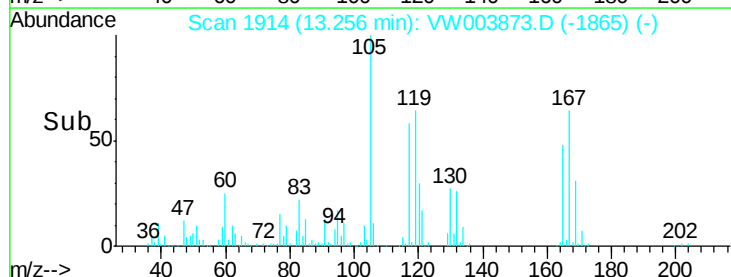
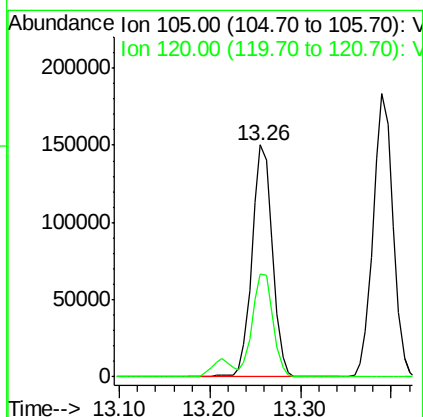
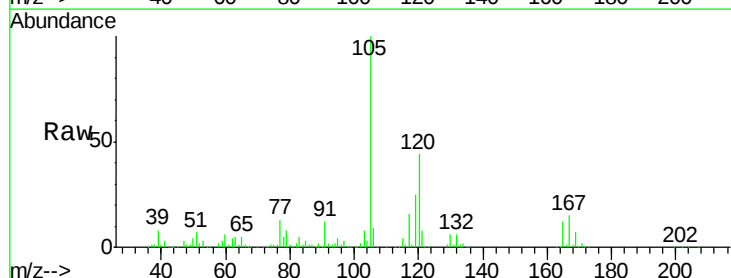
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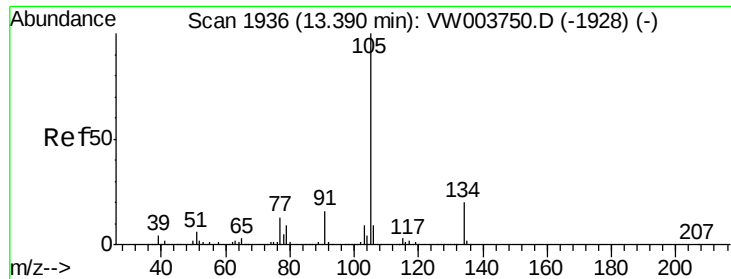
apatel
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#84
1,2,4-Trimethylbenzene
Concen: 22.281 ug/l
RT: 13.26 min Scan# 1914
Delta R.T. -0.00 min
Lab File: VW003873.D
Acq: 11 Jul 2018 19:41

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.7	22.0	66.0





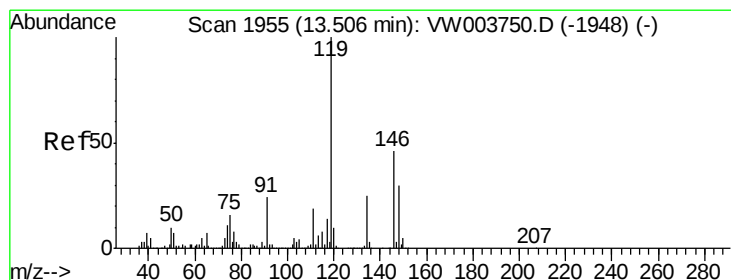
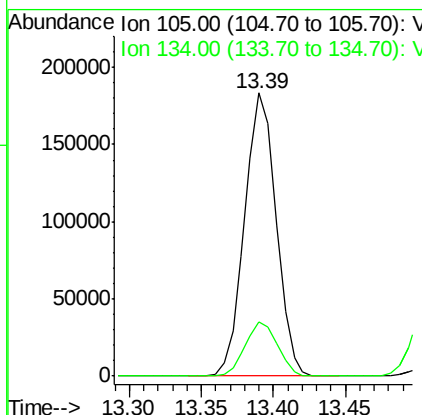
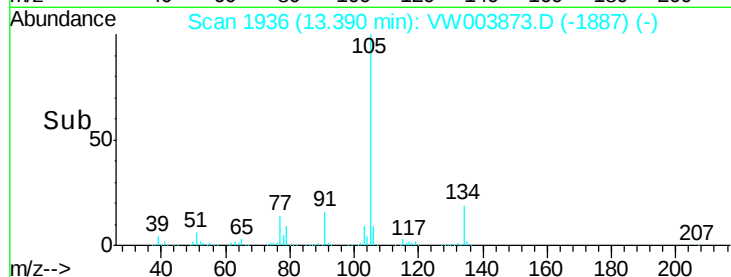
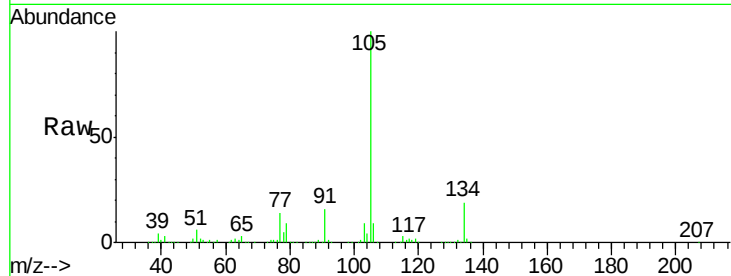
#85
 sec-Butylbenzene
 Concen: 22.297 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VW003873.D
 Acq: 11 Jul 2018 19:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0711SBSD01

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.5	9.8	29.4

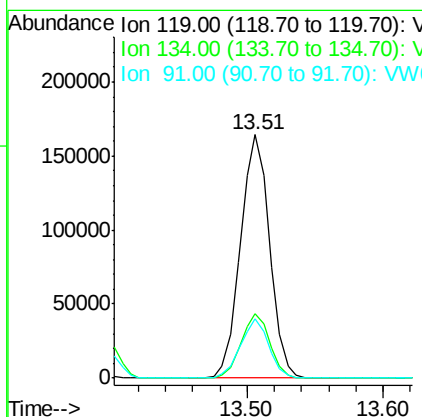
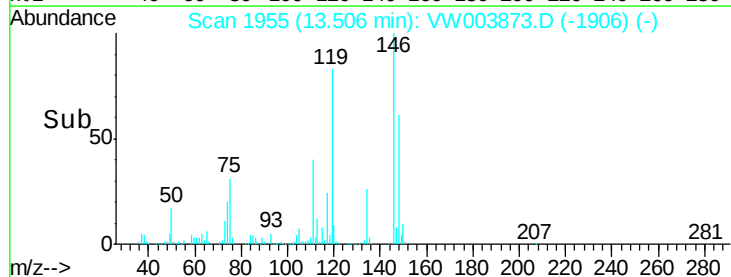
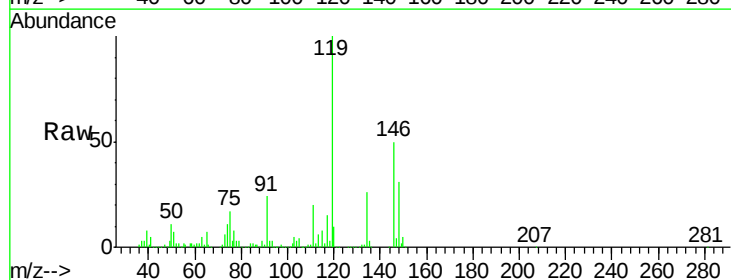
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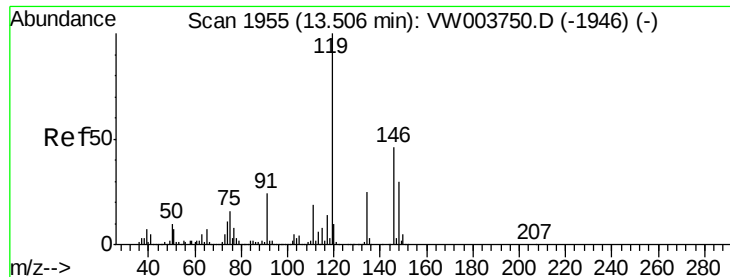
apatel
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#86
 p-Isopropyltoluene
 Concen: 22.431 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW003873.D
 Acq: 11 Jul 2018 19:41

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.0	13.1	39.1
91	23.7	11.9	35.9





#87

1,3-Dichlorobenzene

Concen: 21.569 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW003873.D

Acq: 11 Jul 2018 19:41

Instrument :

MSVOA_W

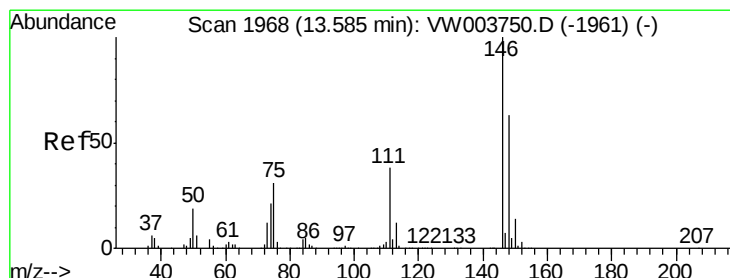
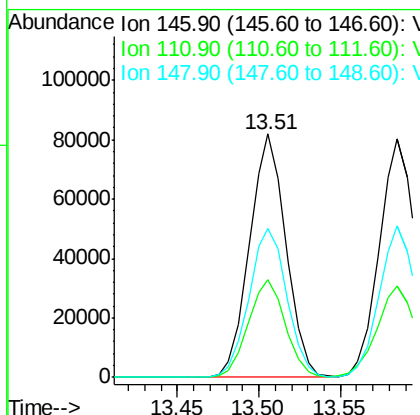
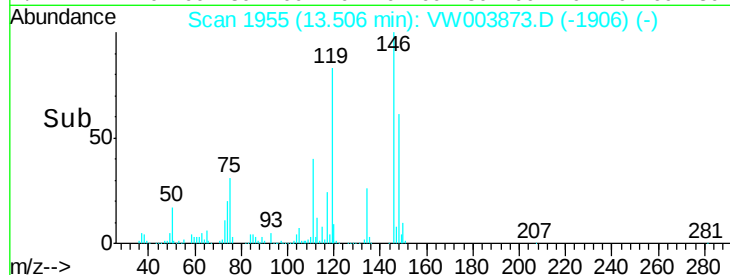
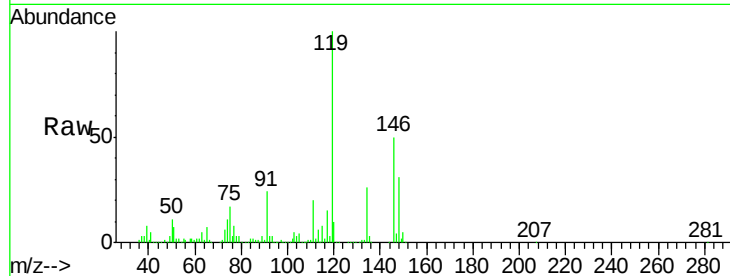
ClientSampleId :

VW0711SBSD01

Tot Ion:	146	Resp:	127324
Ion Ratio	Lower	Upper	
146	100		
111	40.6	20.2	60.5
148	63.6	31.9	95.7

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#88

1,4-Dichlorobenzene

Concen: 21.118 ug/l

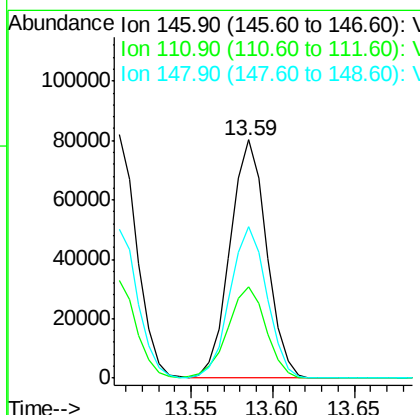
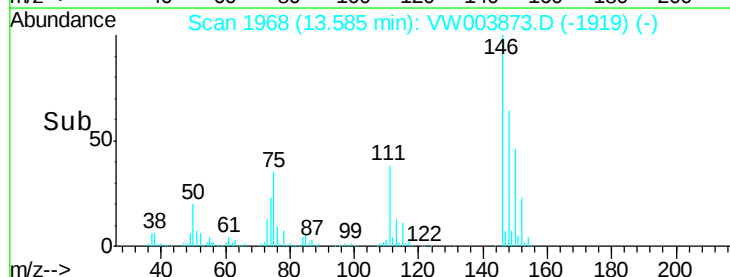
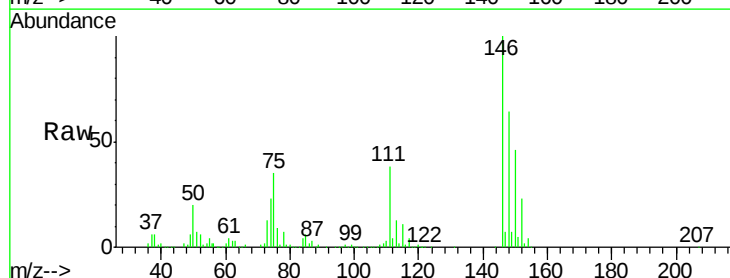
RT: 13.59 min Scan# 1968

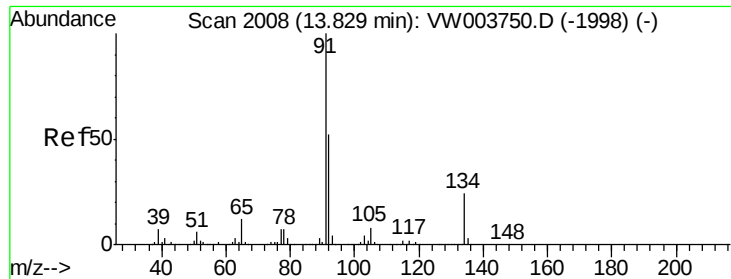
Delta R.T. -0.00 min

Lab File: VW003873.D

Acq: 11 Jul 2018 19:41

Tgt Ion:	146	Resp:	125359
Ion Ratio	Lower	Upper	
146	100		
111	40.2	19.4	58.4
148	64.2	31.9	95.7





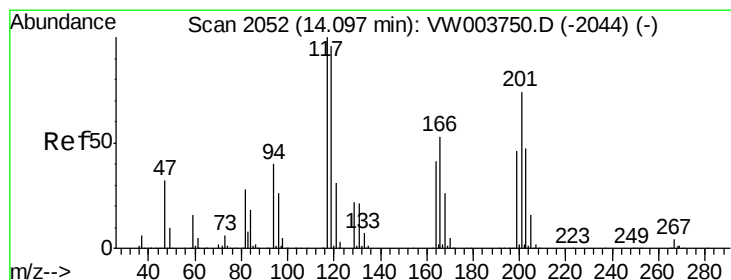
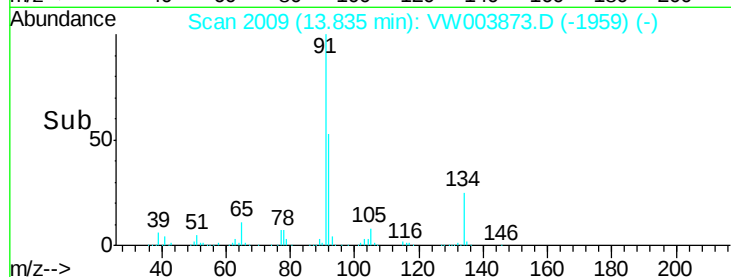
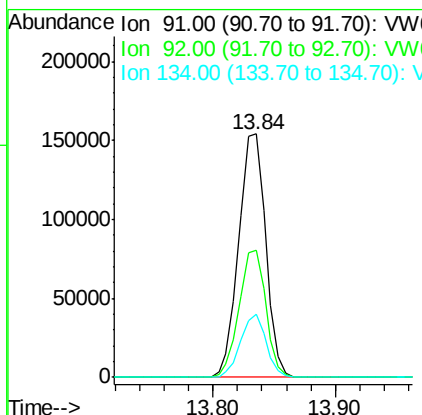
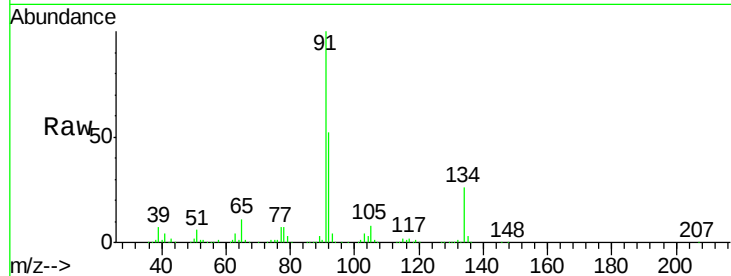
#89
n-Butylbenzene
Concen: 22.051 ug/l
RT: 13.84 min Scan# 2009
Delta R.T. 0.01 min
Lab File: VW003873.D
Acq: 11 Jul 2018 19:41

Instrument :
MSVOA_W
ClientSampleId :
VW0711SBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.5	26.1	78.3
134	24.5	12.4	37.4

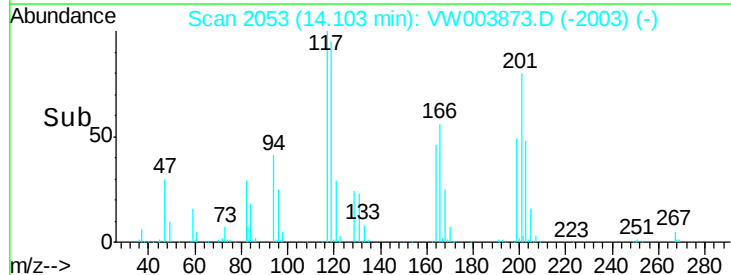
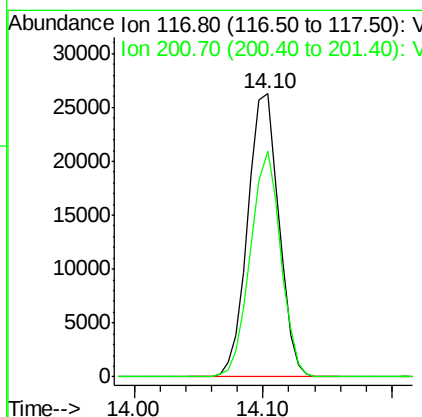
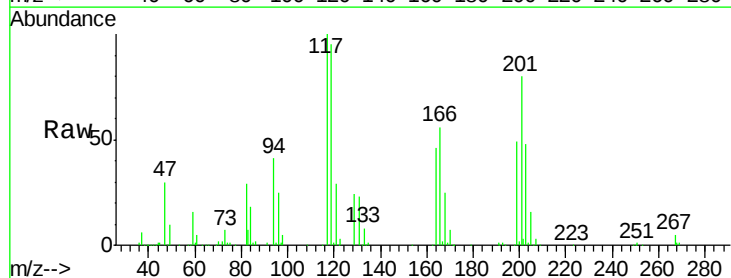
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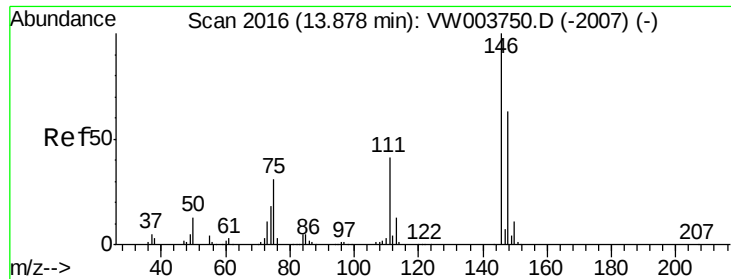
apatel
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#90
Hexachloroethane
Concen: 20.915 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. 0.01 min
Lab File: VW003873.D
Acq: 11 Jul 2018 19:41

Tgt Ion	Ratio	Lower	Upper
117	100		
201	77.2	39.2	117.6





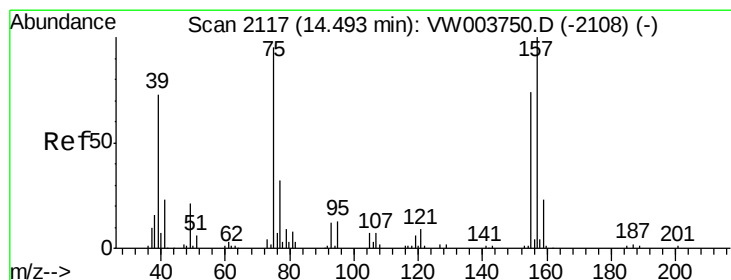
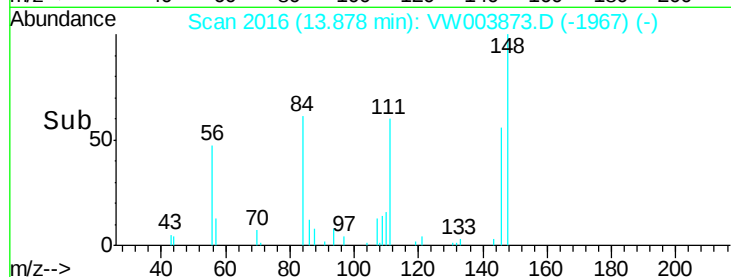
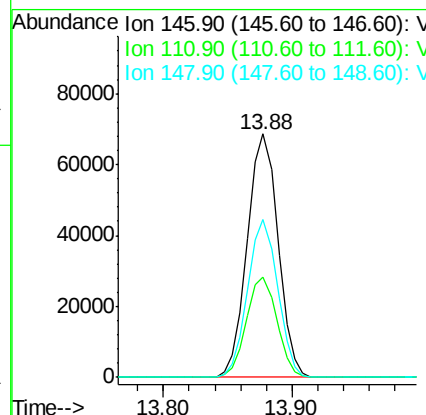
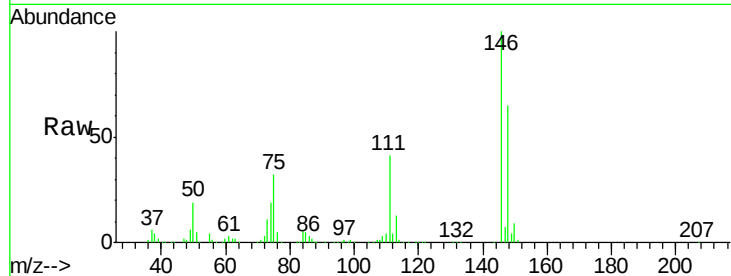
#91
 1,2-Dichlorobenzene
 Concen: 21.336 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: VW003873.D
 Acq: 11 Jul 2018 19:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0711SBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.7	62.1
148	63.5	31.9	95.9

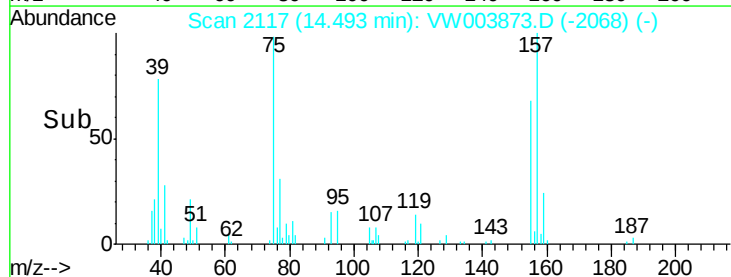
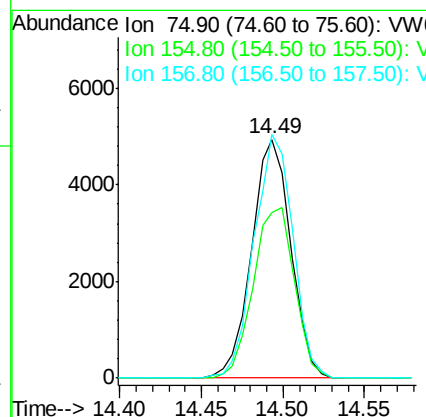
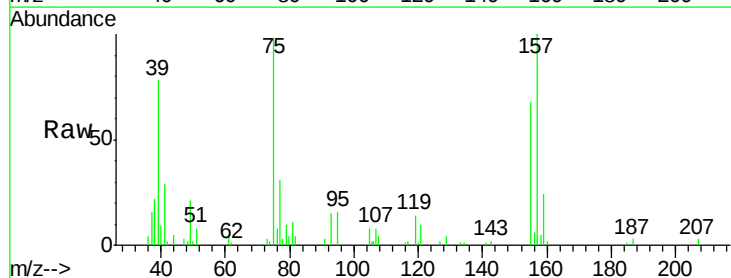
Manual Integrations
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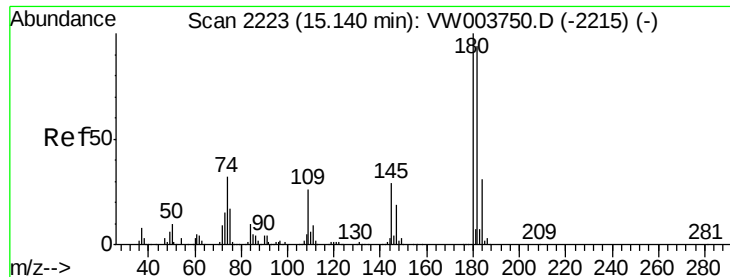
apatel
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.062 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VW003873.D
 Acq: 11 Jul 2018 19:41

Tgt Ion	Ratio	Lower	Upper
75	100		
155	75.1	39.2	117.6
157	101.1	50.7	152.1





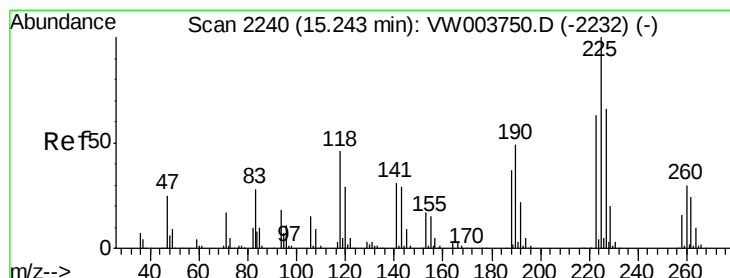
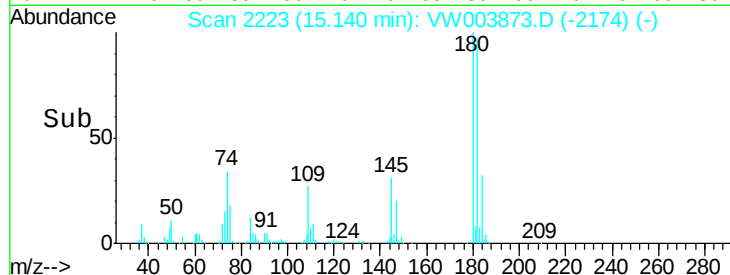
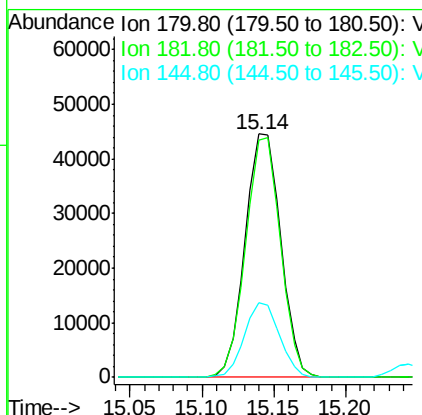
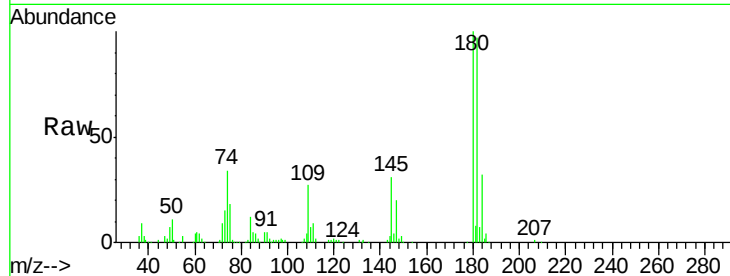
#93
 1,2,4-Trichlorobenzene
 Concen: 21.247 ug/l
 RT: 15.14 min Scan# 2223
 Delta R.T. -0.00 min
 Lab File: VW003873.D
 Acq: 11 Jul 2018 19:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0711SBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.4	142.2
145	30.2	15.0	45.0

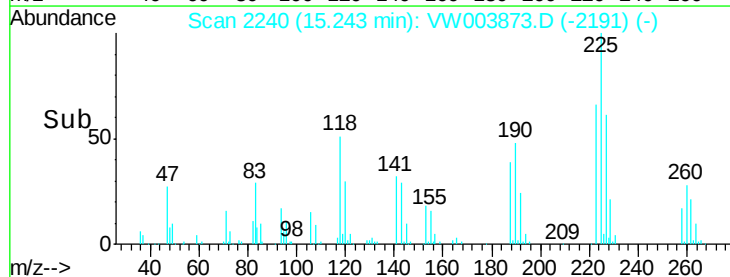
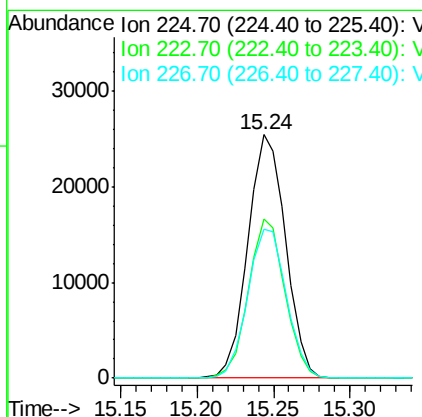
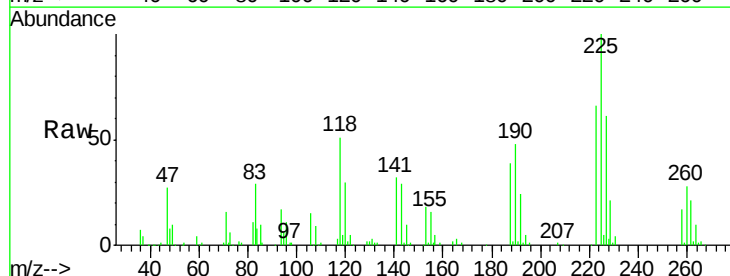
Manual Integrations
 APPROVED

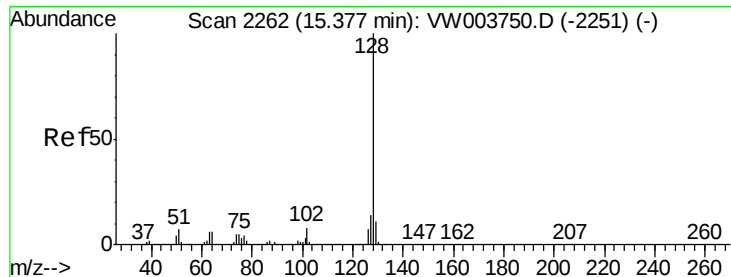
apatel
 7/12/2018 10:59:03 AM



#94
 Hexachlorobutadiene
 Concen: 21.265 ug/l
 RT: 15.24 min Scan# 2240
 Delta R.T. -0.00 min
 Lab File: VW003873.D
 Acq: 11 Jul 2018 19:41

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	32.6	97.7
227	62.5	32.5	97.5





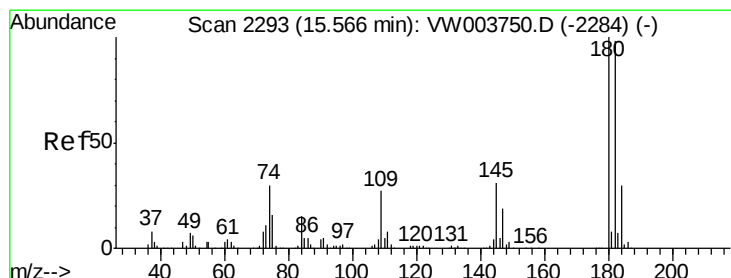
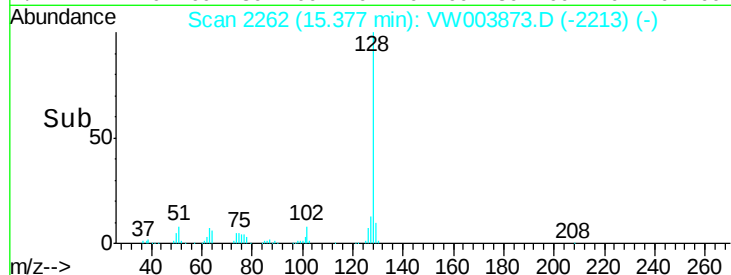
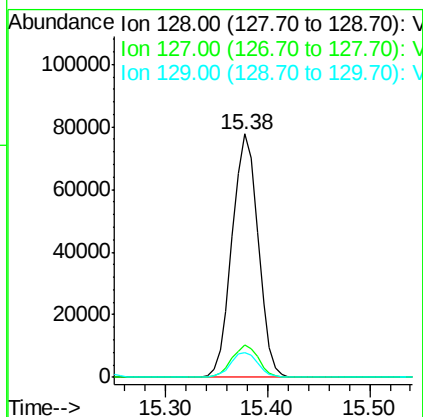
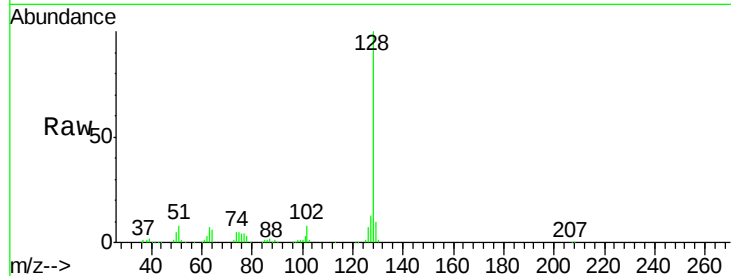
#95
Naphthalene
Concen: 21.303 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VW003873.D
Acq: 11 Jul 2018 19:41

Instrument :
MSVOA_W
ClientSampleId :
VW0711SBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.8	16.2
129	10.7	8.6	13.0

Manual Integrations
APPROVED

apatel
7/12/2018 10:59:03 AM



#96
1,2,3-Trichlorobenzene
Concen: 21.503 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VW003873.D
Acq: 11 Jul 2018 19:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	47.4	142.3
145	31.8	15.8	47.4

