

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071218\
 Data File : VW003898.D
 Acq On : 12 Jul 2018 15:48
 Operator : SY/AP
 Sample : VW0712SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0712SBSD01

Manual Integrations
 APPROVED

apatel
 7/13/2018 9:31:23 AM

Quant Time: Jul 12 16:14:38 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	222582	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	345041	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	317059	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	170943	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	589m	0.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	0.40%	
35) Dibromofluoromethane	7.88	113	509	0.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	0.42%	
50) Toluene-d8	10.33	98	3361	0.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	0.72%	
62) 4-Bromofluorobenzene	12.62	95	1777	0.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	1.06%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.00	85	21644	19.994	ug/l 98
3) Chloromethane	2.21	50	40956	19.929	ug/l 93
4) Vinyl Chloride	2.36	62	56854	20.975	ug/l 97
5) Bromomethane	2.78	94	37189	19.436	ug/l 98
6) Chloroethane	2.92	64	34109	20.983	ug/l 100
7) Trichlorofluoromethane	3.25	101	28099	25.661	ug/l 96
8) Diethyl Ether	3.67	74	19083	17.005	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	40642	19.085	ug/l 99
10) Methyl Iodide	4.26	142	57340	18.090	ug/l 98
11) Tert butyl alcohol	5.23	59	13558	85.950	ug/l # 86
12) 1,1-Dichloroethene	4.03	96	39190	18.743	ug/l 97
13) Acrolein	3.89	56	14054	59.715	ug/l 98
14) Allyl chloride	4.66	41	84198	23.162	ug/l 99
15) Acrylonitrile	5.37	53	56257	100.107	ug/l 99
16) Acetone	4.14	43	45819	90.730	ug/l 100
17) Carbon Disulfide	4.37	76	124540	18.168	ug/l 99
18) Methyl Acetate	4.68	43	27025	18.981	ug/l 97
19) Methyl tert-butyl Ether	5.43	73	89310	20.671	ug/l 100
20) Methylene Chloride	4.91	84	63224	23.353	ug/l 96
21) trans-1,2-Dichloroethene	5.42	96	53541	21.630	ug/l 98
22) Diisopropyl ether	6.31	45	170195	21.296	ug/l 98
23) Vinyl Acetate	6.26	43	498703	102.221	ug/l 99
24) 1,1-Dichloroethane	6.21	63	100897	20.874	ug/l 99
25) 2-Butanone	7.18	43	79676	100.731	ug/l 98
26) 2,2-Dichloropropane	7.17	77	63143	24.084	ug/l 99
27) cis-1,2-Dichloroethene	7.17	96	57029	20.834	ug/l 100
28) Bromochloromethane	7.51	49	41557	19.299	ug/l 98
29) Tetrahydrofuran	7.54	42	48321	95.032	ug/l 99
30) Chloroform	7.68	83	99631	20.206	ug/l 99
31) Cyclohexane	7.95	56	94397	22.224	ug/l 97
32) 1,1,1-Trichloroethane	7.87	97	81863	21.814	ug/l 99
36) 1,1-Dichloropropene	8.08	75	81735	22.326	ug/l 100
37) Ethyl Acetate	7.26	43	34342	19.278	ug/l 98
38) Carbon Tetrachloride	8.07	117	77906	22.381	ug/l 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	93237	23.253	ug/l	98
40) Benzene	8.32	78	226582	21.648	ug/l	97
41) Methacrylonitrile	7.49	41	18899	18.443	ug/l	97
42) 1,2-Dichloroethane	8.40	62	68245	20.147	ug/l	99
43) Isopropyl Acetate	8.43	43	65941	19.531	ug/l	99
44) Trichloroethene	9.09	130	57144	21.657	ug/l	99
45) 1,2-Dichloropropane	9.37	63	57616	21.171	ug/l	95
46) Dibromomethane	9.46	93	29186	20.396	ug/l	98
47) Bromodichloromethane	9.65	83	71597	20.338	ug/l	99
48) Methyl methacrylate	9.44	41	31738	19.739	ug/l	98
49) 1,4-Dioxane	9.48	88	7769	363.266	ug/l #	96
51) 4-Methyl-2-Pentanone	10.21	43	172769	98.890	ug/l	100
52) Toluene	10.39	92	138473	21.336	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	72725	20.691	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	83965	21.162	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	41033	20.646	ug/l	96
56) Ethyl methacrylate	10.65	69	47762	19.693	ug/l	97
57) 1,3-Dichloropropane	10.93	76	71628	20.678	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	102663	89.330	ug/l	100
59) 2-Hexanone	10.98	43	120041	100.060	ug/l	99
60) Dibromochloromethane	11.13	129	46890	20.212	ug/l	99
61) 1,2-Dibromoethane	11.24	107	38602	20.310	ug/l	99
64) Tetrachloroethene	10.87	164	49006	20.896	ug/l	96
65) Chlorobenzene	11.66	112	151427	21.665	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	51176	20.953	ug/l	99
67) Ethyl Benzene	11.74	91	268572	22.472	ug/l	100
68) m/p-Xylenes	11.85	106	205877	44.985	ug/l	99
69) o-Xylene	12.17	106	93965	22.251	ug/l	100
70) Styrene	12.18	104	157440	21.924	ug/l	99
71) Bromoform	12.35	173	27016	20.042	ug/l #	97
73) Isopropylbenzene	12.47	105	269821	23.307	ug/l	99
74) N-amyl acetate	12.28	43	62814	20.017	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	47945	20.429	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	39264m	23.390	ug/l	
77) Bromobenzene	12.75	156	61711	21.472	ug/l	97
78) n-propylbenzene	12.81	91	338090	23.265	ug/l	100
79) 2-Chlorotoluene	12.90	91	187120	22.412	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	230521	23.103	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	14488	21.113	ug/l	99
82) 4-Chlorotoluene	12.99	91	198624	22.124	ug/l	99
83) tert-Butylbenzene	13.21	119	189902	23.078	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	235116	22.683	ug/l	99
85) sec-Butylbenzene	13.39	105	284400	23.104	ug/l	99
86) p-Isopropyltoluene	13.51	119	250700	23.307	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	128464	22.062	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	128538	21.952	ug/l	99
89) n-Butylbenzene	13.83	91	244838	23.140	ug/l	100
90) Hexachloroethane	14.10	117	43766	21.123	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	112360	21.439	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8112	19.969	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	79582	22.433	ug/l	98
94) Hexachlorobutadiene	15.24	225	46273	22.804	ug/l	97
95) Naphthalene	15.38	128	132874	20.957	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	68600	21.597	ug/l	100

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

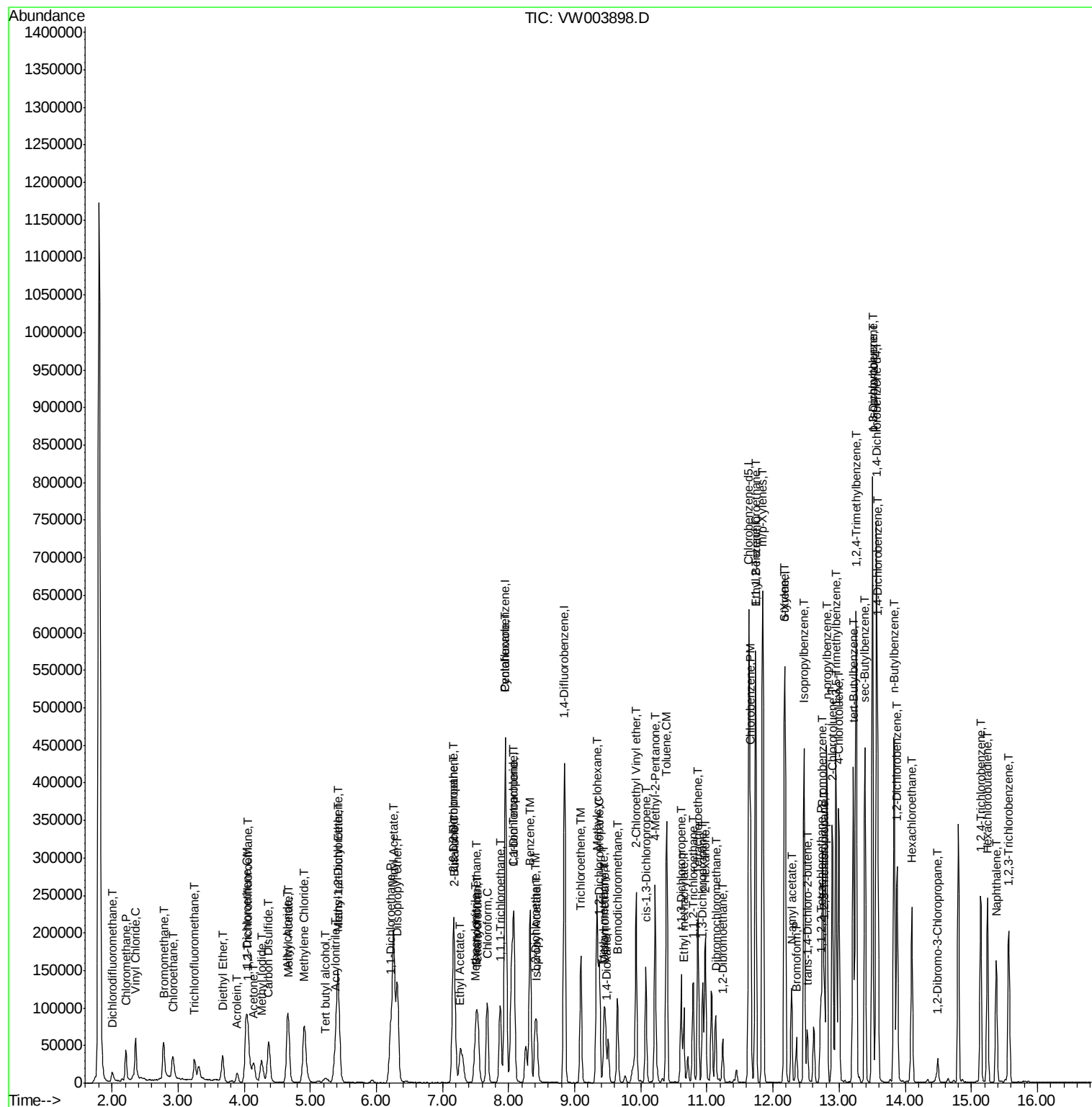
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 Acq On : 12 Jul 2018 15:48
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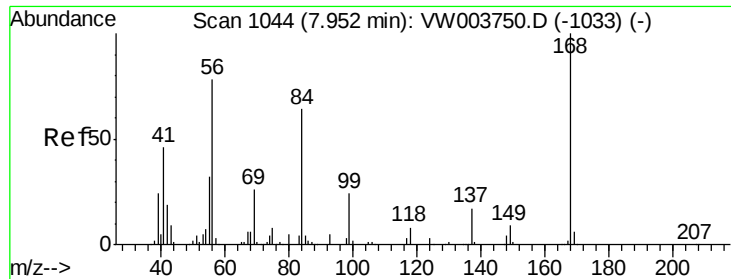
Instrument :
 MSVOA_W
 ClientSampleId :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW003898.D

Acq: 12 Jul 2018 15:48

Instrument :

MSVOA_W

ClientSampleId :

VW0712SBSD01

Tot Ion:168 Resp: 222582

Ion Ratio Lower Upper

168 100

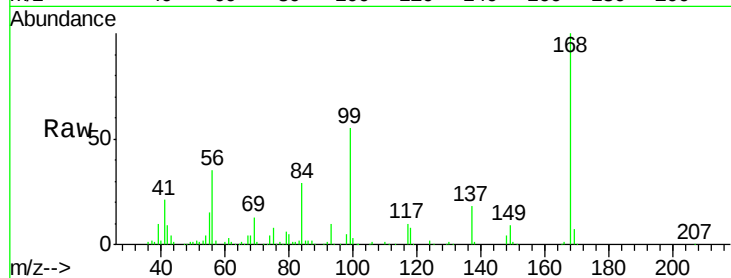
99 55.0 45.0 67.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

60000

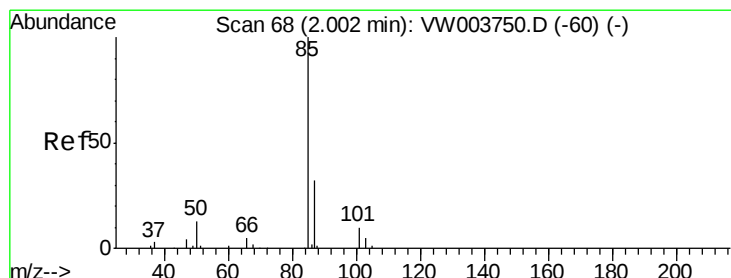
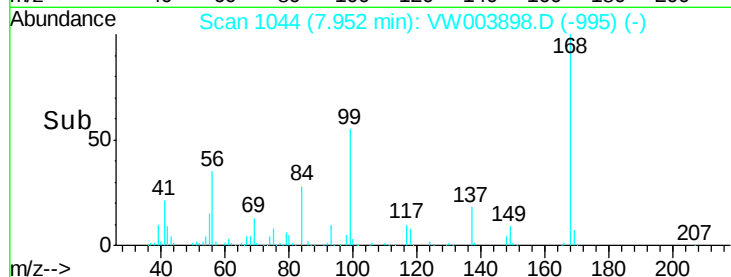
40000

20000

0

7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 19.994 ug/l

RT: 2.00 min Scan# 68

Delta R.T. -0.00 min

Lab File: VW003898.D

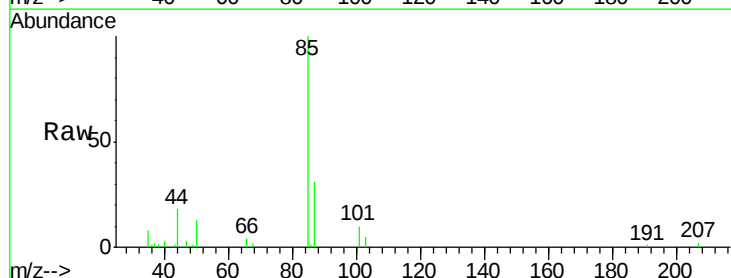
Acq: 12 Jul 2018 15:48

Tgt Ion: 85 Resp: 21644

Ion Ratio Lower Upper

85 100

87 31.2 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

8000

6000

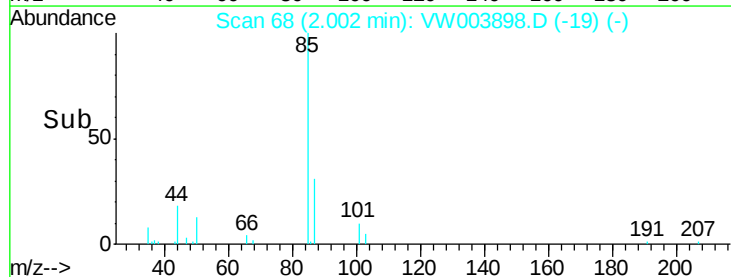
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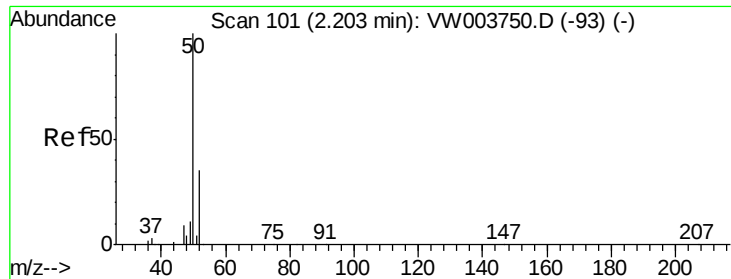
2000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 19.929 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.01 min

Lab File: VW003898.D

Acq: 12 Jul 2018 15:48

Instrument :

MSVOA_W

ClientSampleId :

VW0712SBSD01

Tot Ion: 50 Resp: 40956

Ion Ratio Lower Upper

50 100

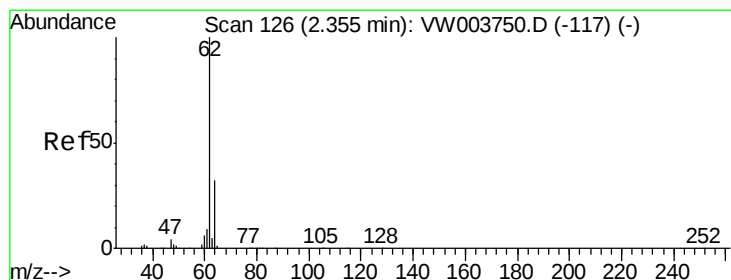
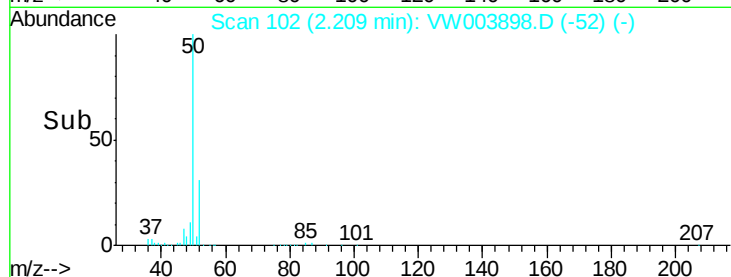
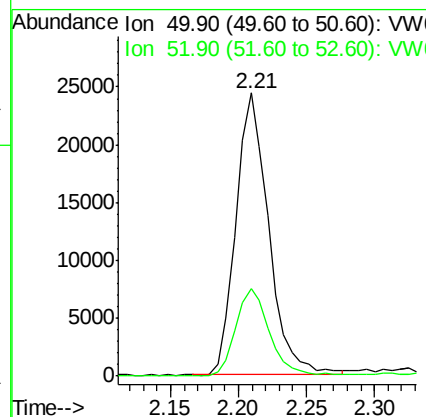
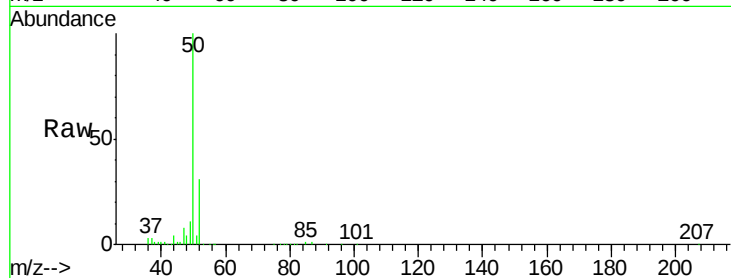
52 30.9 27.8 41.6

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7/13/2018 9:31:23 AM



#4

Vinyl Chloride

Concen: 20.975 ug/l

RT: 2.36 min Scan# 126

Delta R.T. -0.00 min

Lab File: VW003898.D

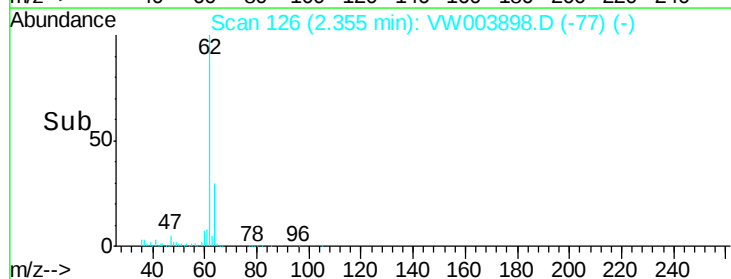
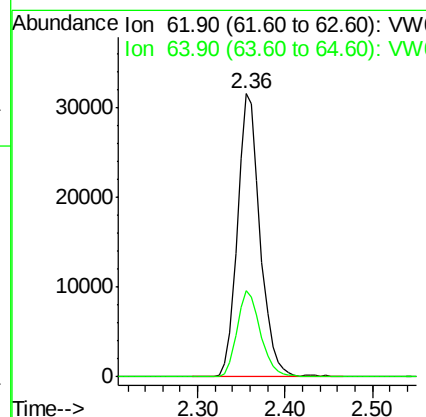
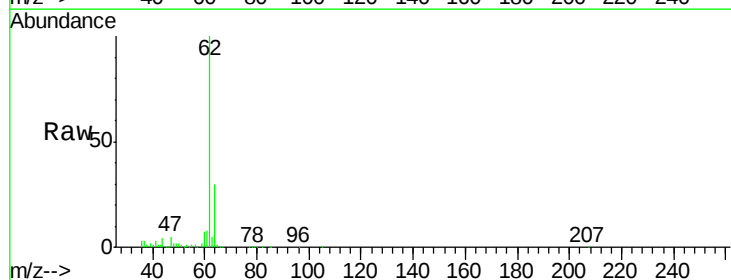
Acq: 12 Jul 2018 15:48

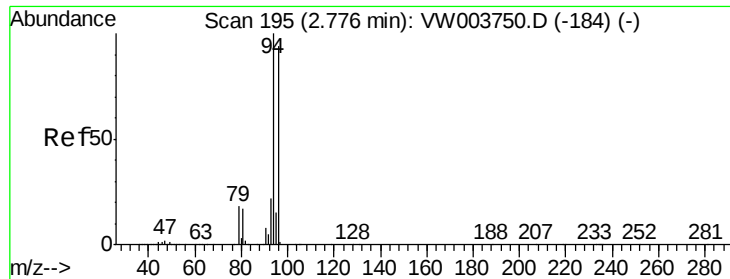
Tgt Ion: 62 Resp: 56854

Ion Ratio Lower Upper

62 100

64 30.5 25.8 38.8





#5

Bromomethane

Concen: 19.436 ug/l

RT: 2.78 min Scan# 195

Delta R.T. -0.00 min

Lab File: VW003898.D

Acq: 12 Jul 2018 15:48

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 37189

Ion Ratio Lower Upper

94 100

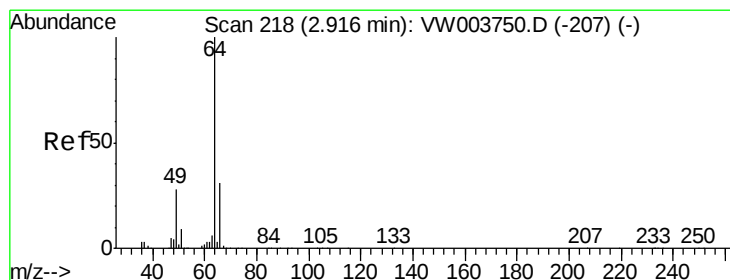
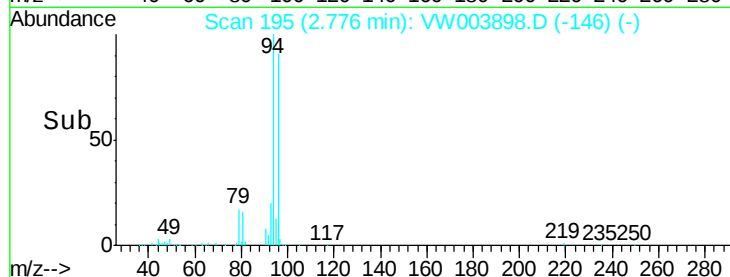
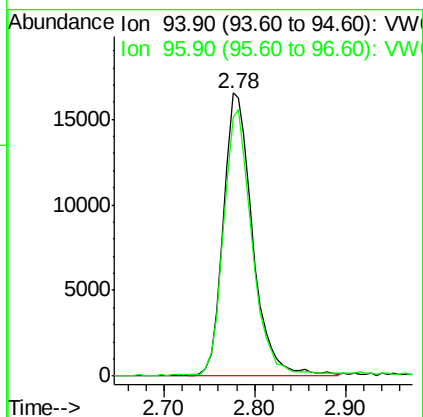
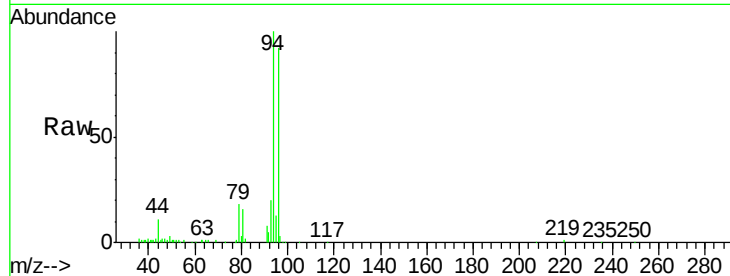
96 91.1 74.8 112.2

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7/13/2018 9:31:23 AM



#6

Chloroethane

Concen: 20.983 ug/l

RT: 2.92 min Scan# 218

Delta R.T. -0.00 min

Lab File: VW003898.D

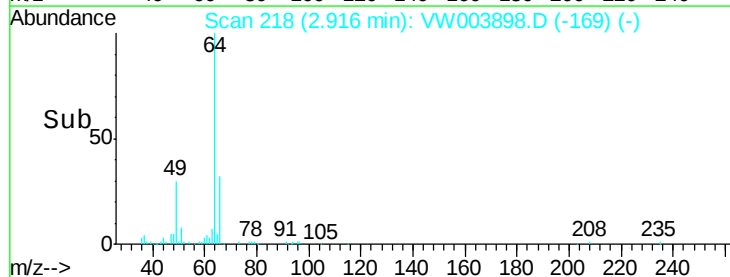
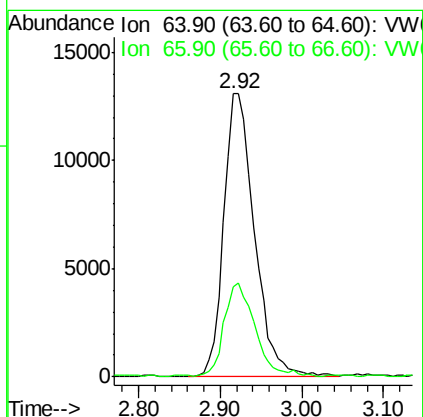
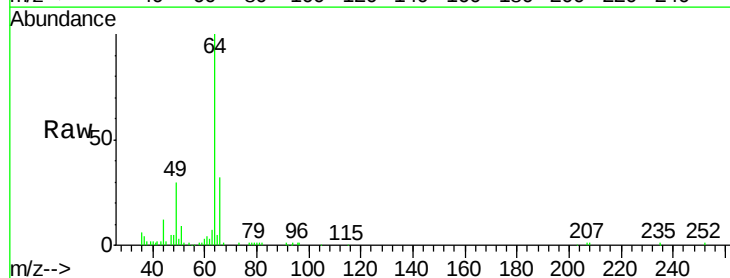
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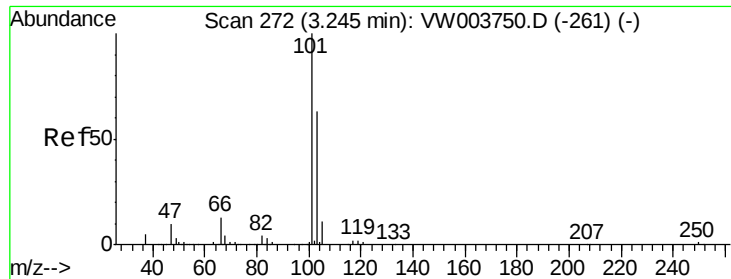
Tgt Ion: 64 Resp: 34109

Ion Ratio Lower Upper

64 100

66 31.4 25.1 37.7





#7

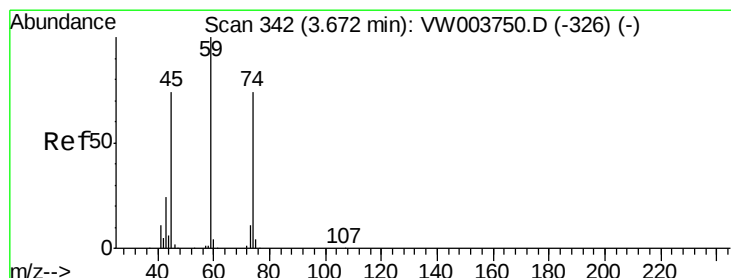
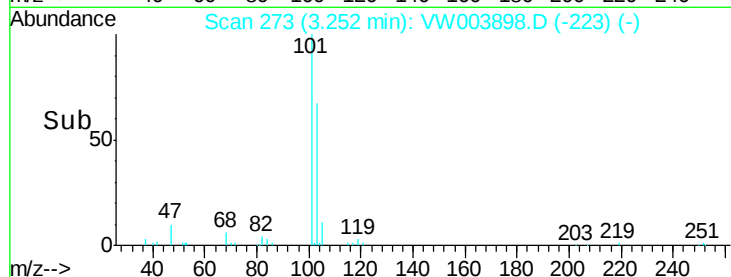
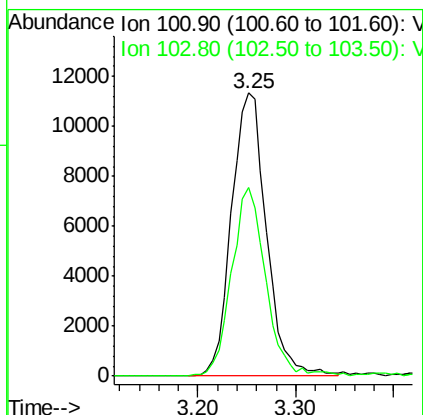
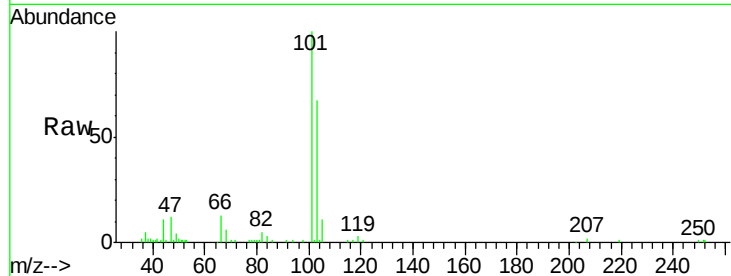
Trichlorofluoromethane
 Concen: 25.661 ug/l
 RT: 3.25 min Scan# 273
 Delta R.T. 0.01 min
 Lab File: VW003898.D
 Acq: 12 Jul 2018 15:48

Instrument :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	66.5	50.7	76.1

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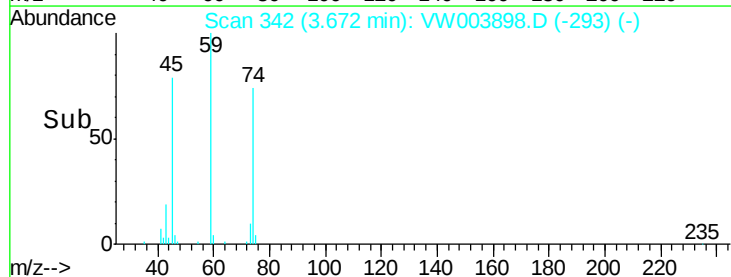
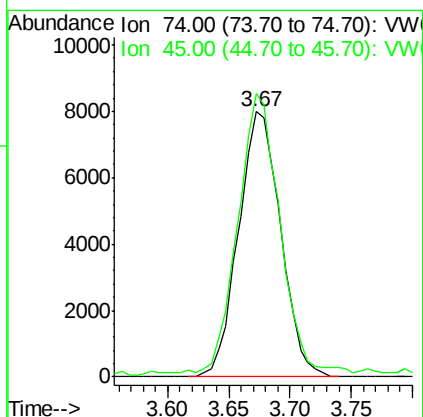
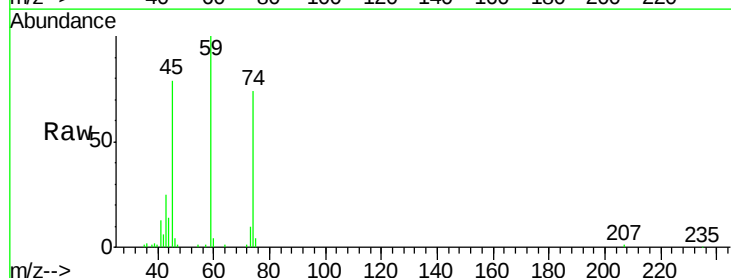
apatel
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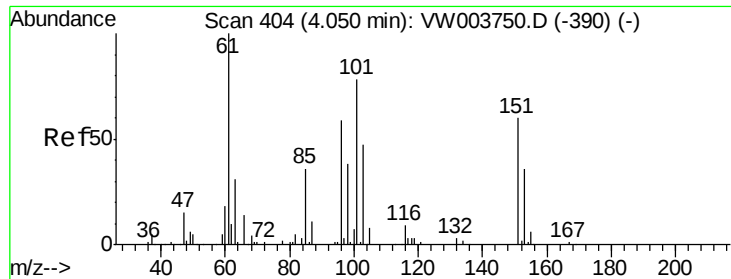


#8

Diethyl Ether
 Concen: 17.005 ug/l
 RT: 3.67 min Scan# 342
 Delta R.T. -0.00 min
 Lab File: VW003898.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	104.2	52.4	157.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.085 ug/l

RT: 4.06 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW003898.D

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Instrument :

MSVOA_W

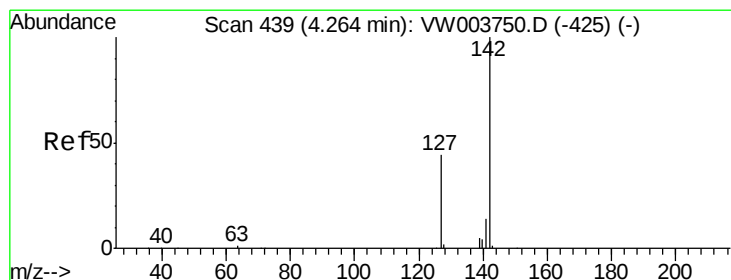
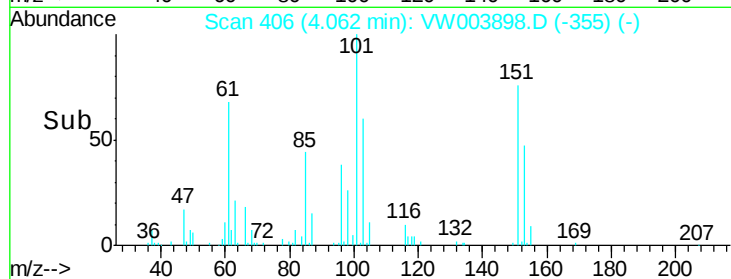
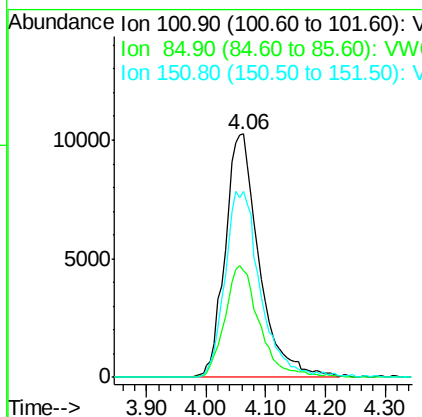
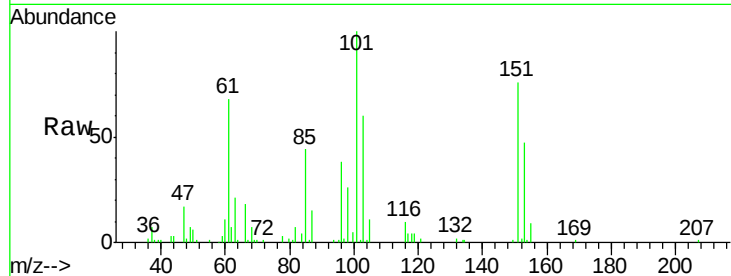
ClientSampleId :

VW0712SBSD01

Tot Ion:	101	Resp:	40642
Ion Ratio	Lower	Upper	
101	100		
85	46.6	37.1	55.7
151	79.8	62.3	93.5

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#10

Methyl Iodide

Concen: 18.090 ug/l

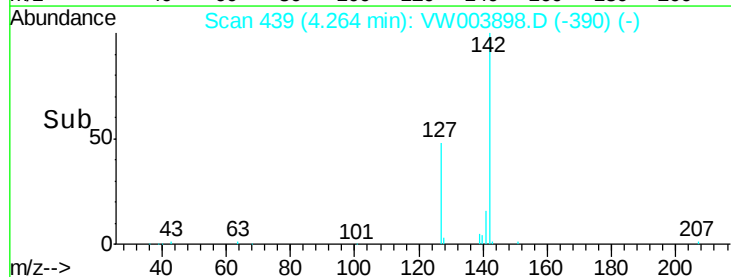
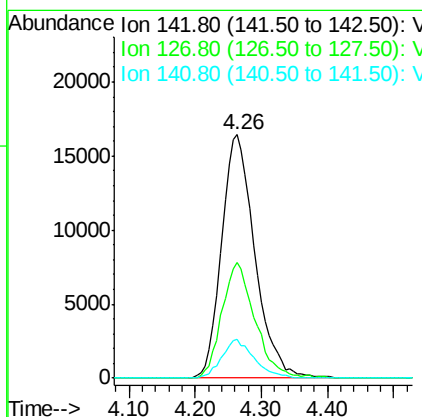
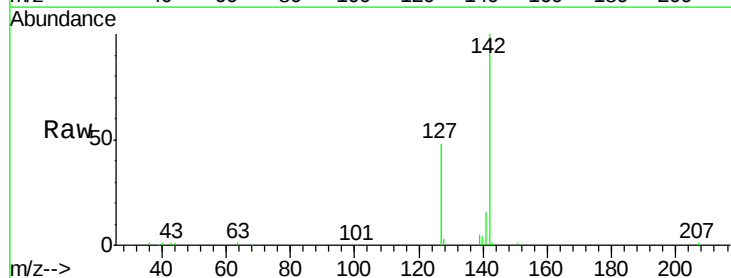
RT: 4.26 min Scan# 439

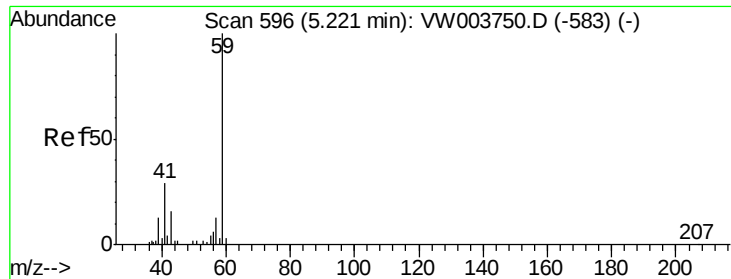
Delta R.T. -0.00 min

Lab File: VW003898.D

Acq: 12 Jul 2018 15:48

Tgt Ion:	142	Resp:	57340
Ion Ratio	Lower	Upper	
142	100		
127	46.7	36.1	54.1
141	15.3	11.6	17.4





#11

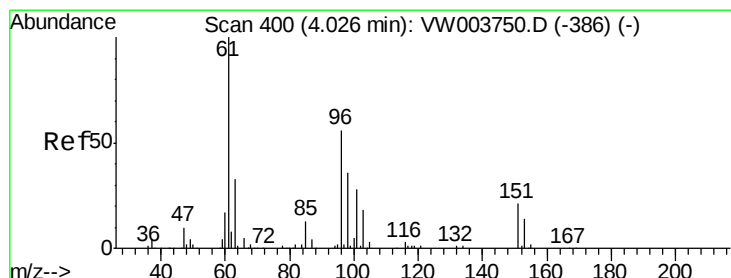
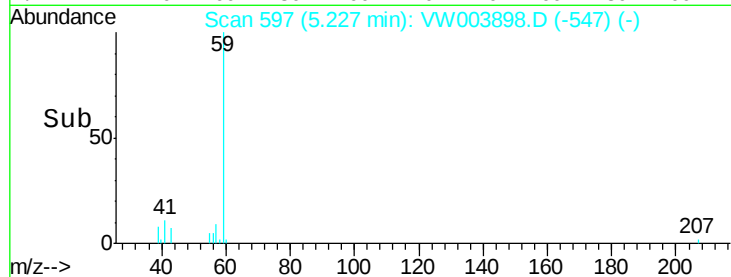
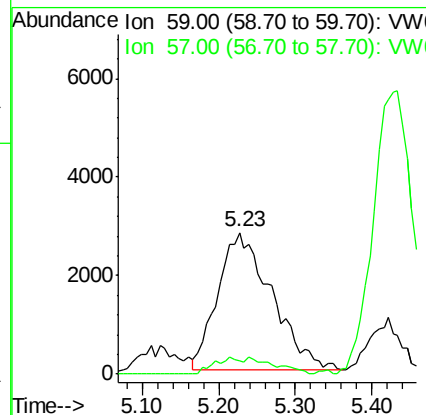
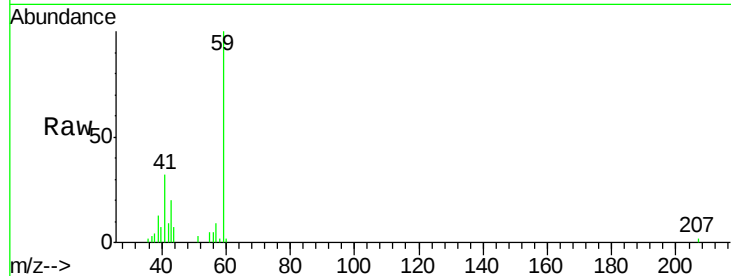
Tert butyl alcohol
Concen: 85.950 ug/l
RT: 5.23 min Scan# 597
Delta R.T. 0.01 min
Lab File: VW003898.D
Acq: 12 Jul 2018 15:48

Instrument :
MSVOA_W
ClientSampleId :
VW0712SBSD01

Tot Ion	59	Ratio	Lower	Upper
59	100			
57	6.3		9.3	13.9#

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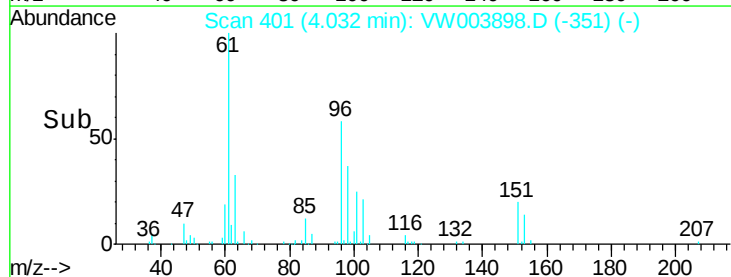
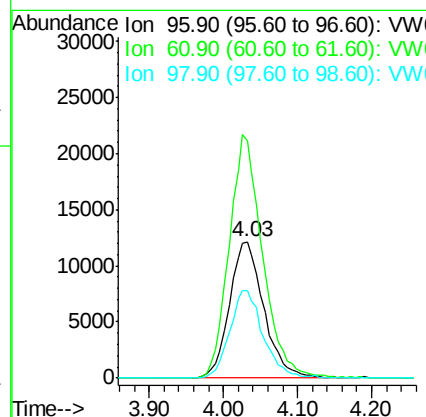
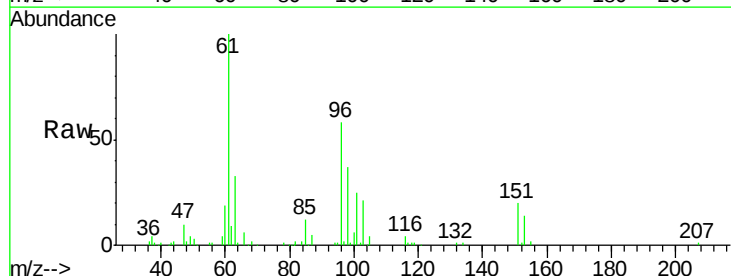
apatel
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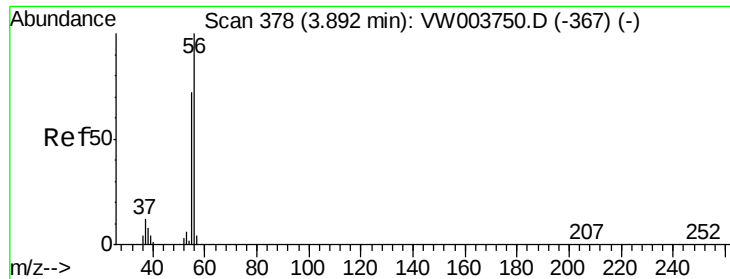


#12

1,1-Dichloroethene
Concen: 18.743 ug/l
RT: 4.03 min Scan# 401
Delta R.T. 0.01 min
Lab File: VW003898.D
Acq: 12 Jul 2018 15:48

Tgt Ion	96	Resp	Lower	Upper
96	100			
61	173.7		143.2	214.8
98	64.2		51.4	77.0





#13

Acrolein

Concen: 59.715 ug/l

RT: 3.89 min Scan# 378

Delta R.T. 0.00 min

Lab File: VW003898.D

Acq: 12 Jul 2018 15:48

Instrument :

MSVOA_W

ClientSampleId :

VW0712SBSD01

Tot Ion: 56 Resp: 14054

Ion Ratio Lower Upper

56 100

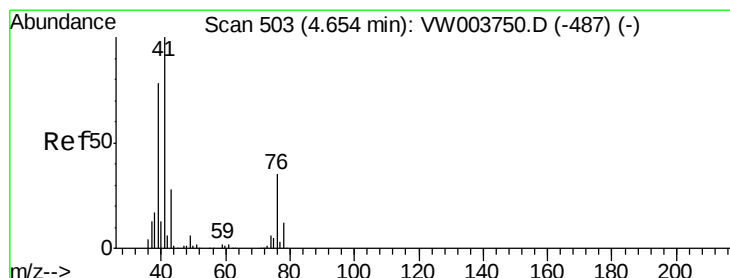
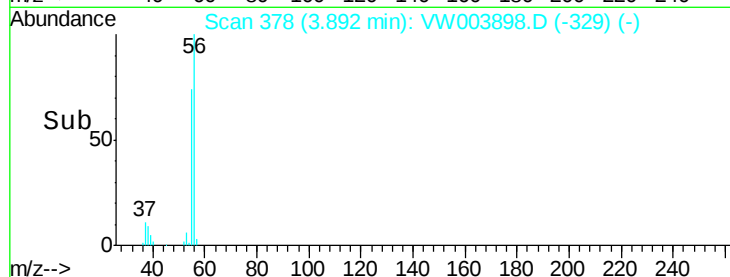
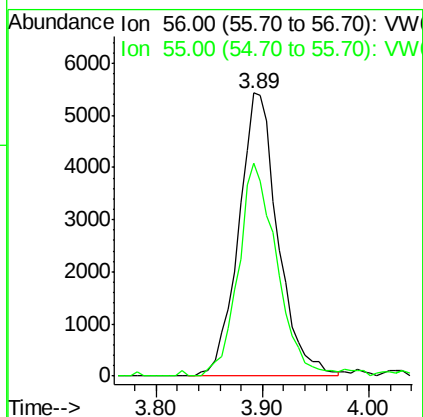
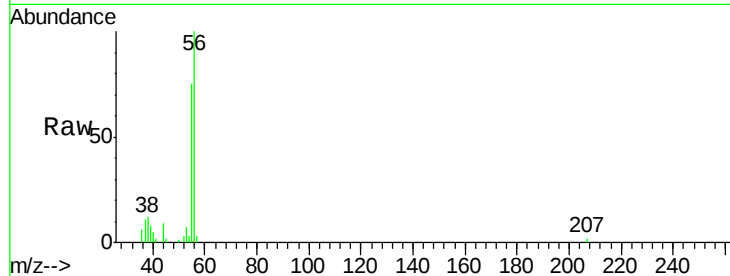
55 73.6 57.5 86.3

Manual Integrations

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#14

Allyl chloride

Concen: 23.162 ug/l

RT: 4.66 min Scan# 504

Delta R.T. 0.01 min

Lab File: VW003898.D

Acq: 12 Jul 2018 15:48

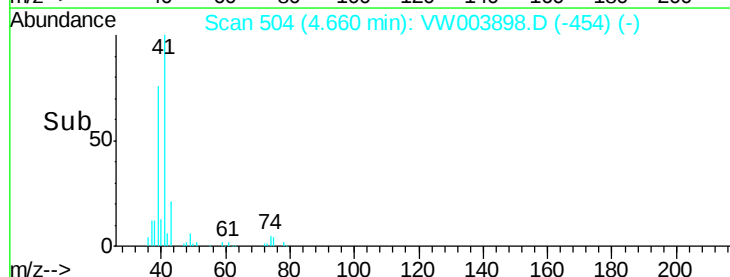
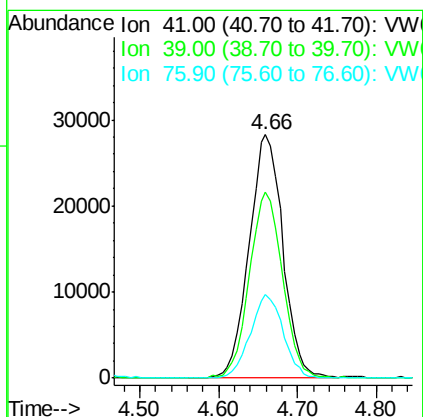
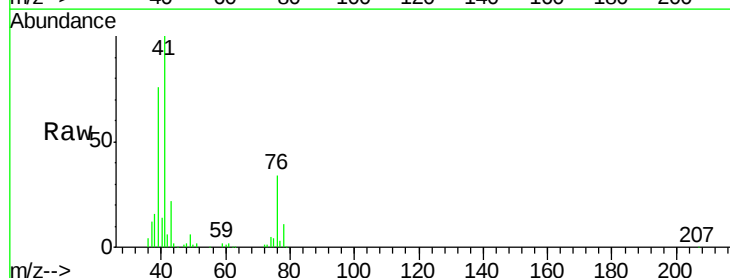
Tgt Ion: 41 Resp: 84198

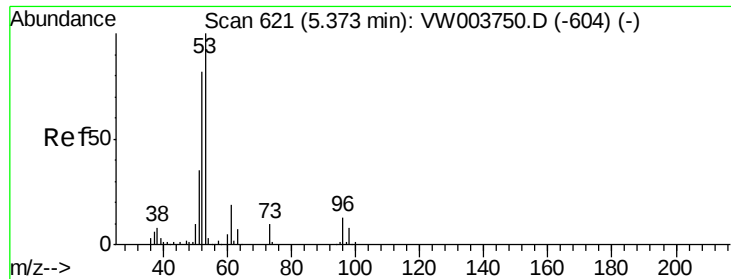
Ion Ratio Lower Upper

41 100

39 75.1 60.9 91.3

76 33.4 27.5 41.3





#15

Acrylonitrile

Concen: 100.107 ug/l

RT: 5.37 min Scan# 621

Delta R.T. -0.00 min

Lab File: VW003898.D

Acq: 12 Jul 2018 15:48

Instrument :

MSVOA_W

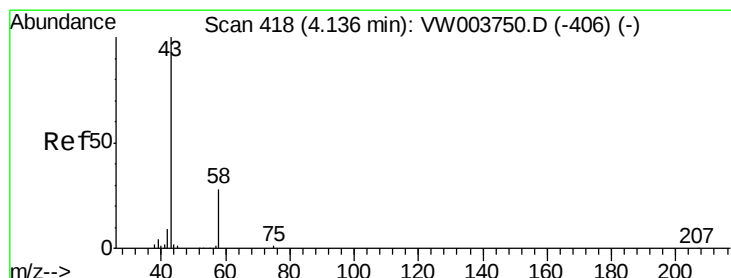
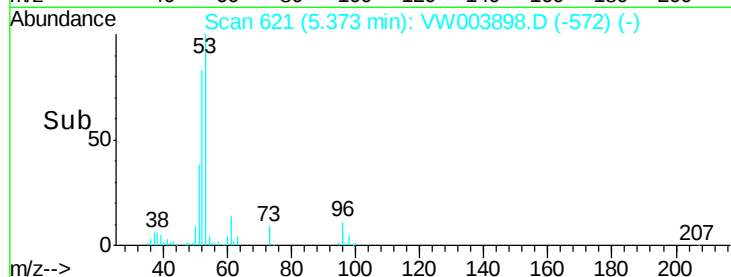
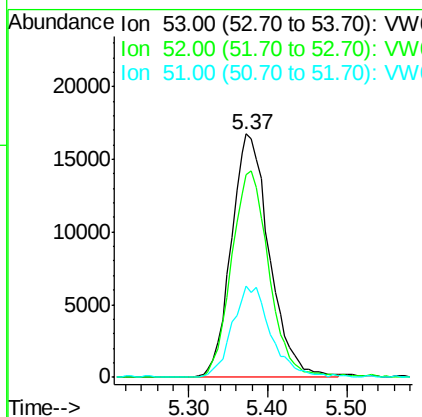
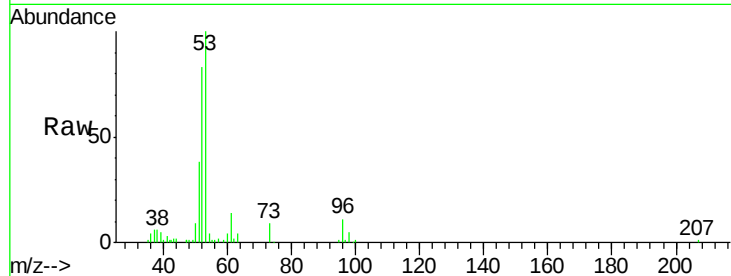
ClientSampleId :

VW0712SBSD01

Tot Ion:	53	Resp:	56257
Ion Ratio	Lower	Upper	
53	100		
52	83.6	66.2	99.2
51	37.9	30.2	45.4

Manual Integrations
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#16

Acetone

Concen: 90.730 ug/l

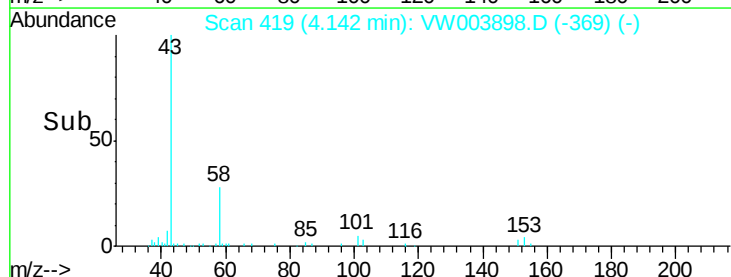
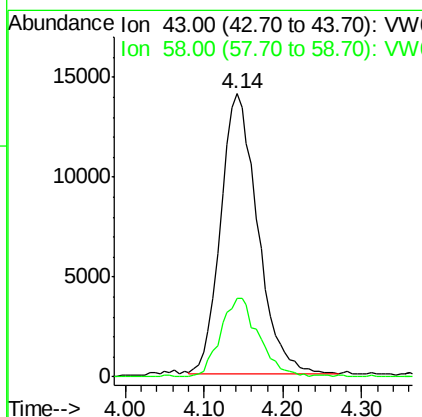
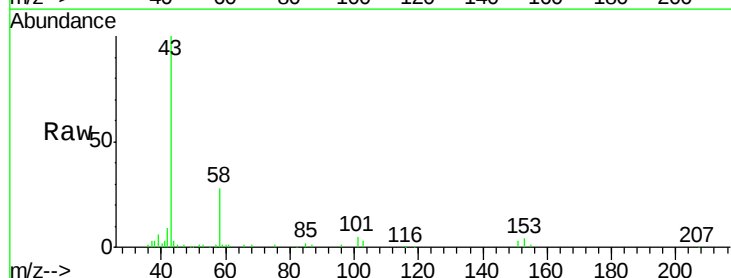
RT: 4.14 min Scan# 419

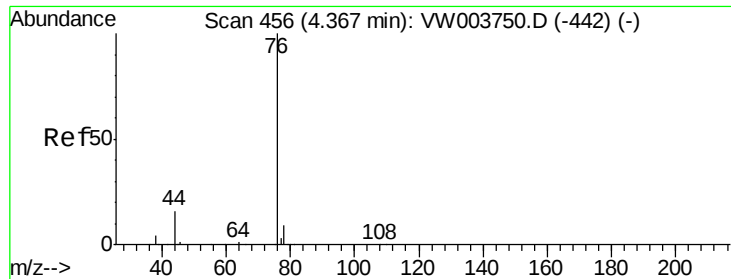
Delta R.T. 0.01 min

Lab File: VW003898.D

Acq: 12 Jul 2018 15:48

Tgt Ion:	43	Resp:	45819
Ion Ratio	Lower	Upper	
43	100		
58	28.2	22.6	34.0





#17

Carbon Disulfide

Concen: 18.168 ug/l

RT: 4.37 min Scan# 456

Delta R.T. -0.00 min

Lab File: VW003898.D

Acq: 12 Jul 2018 15:48

Instrument :

MSVOA_W

ClientSampleId :

VW0712SBSD01

Tot Ion: 76 Resp: 124540

Ion Ratio Lower Upper

76 100

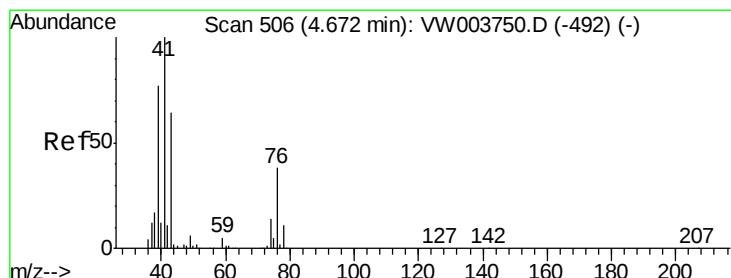
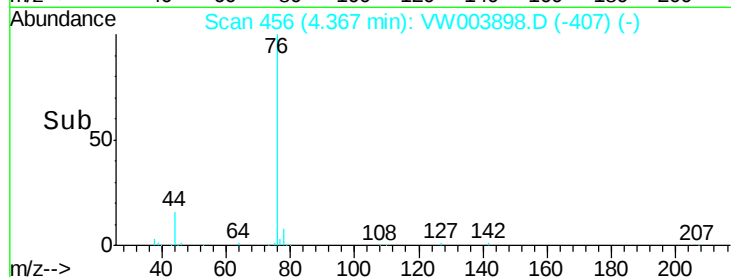
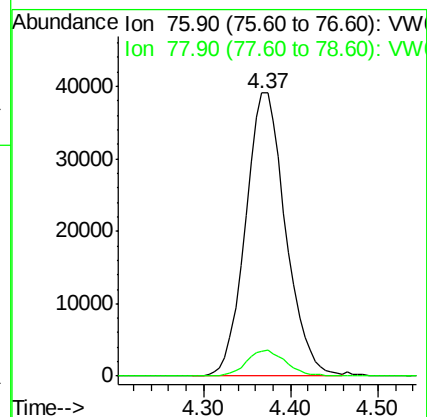
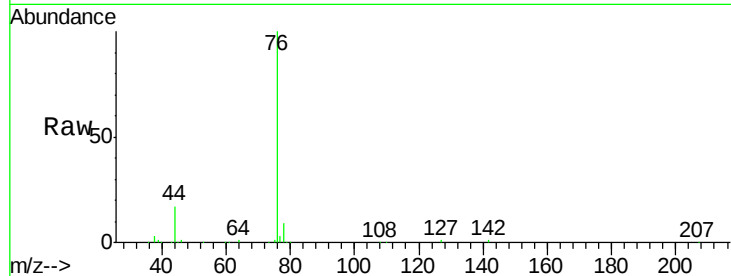
78 8.9 7.4 11.2

Manual Integrations

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#18

Methyl Acetate

Concen: 18.981 ug/l

RT: 4.68 min Scan# 507

Delta R.T. 0.01 min

Lab File: VW003898.D

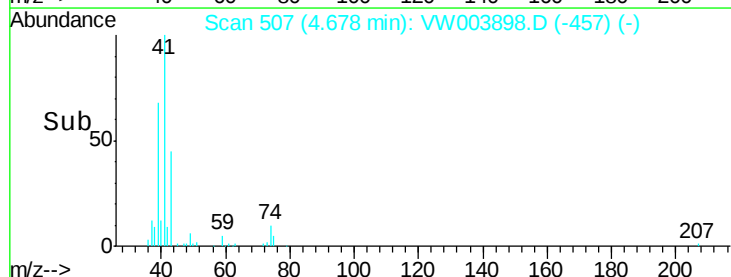
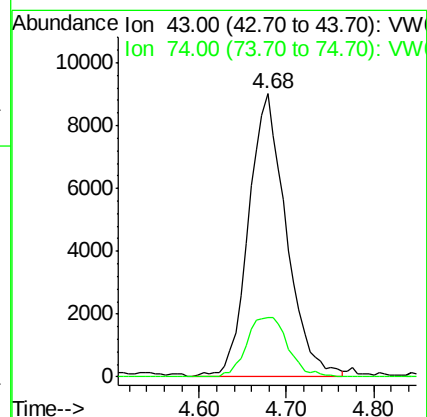
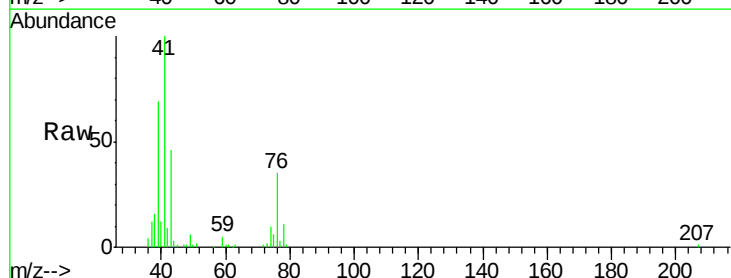
Acq: 12 Jul 2018 15:48

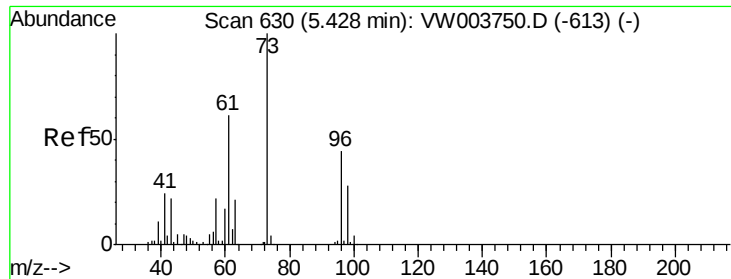
Tgt Ion: 43 Resp: 27025

Ion Ratio Lower Upper

43 100

74 23.0 17.3 25.9





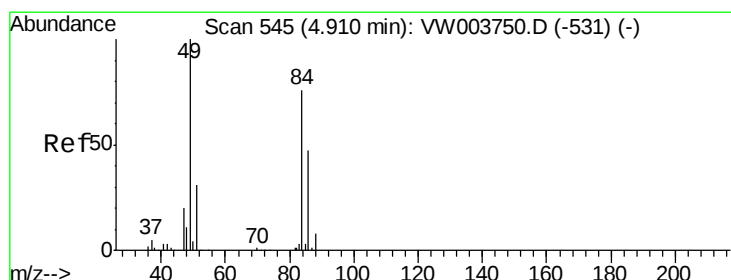
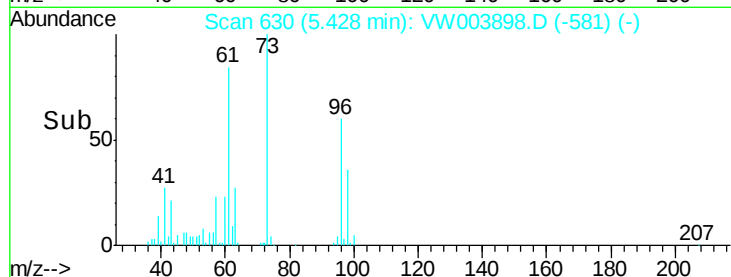
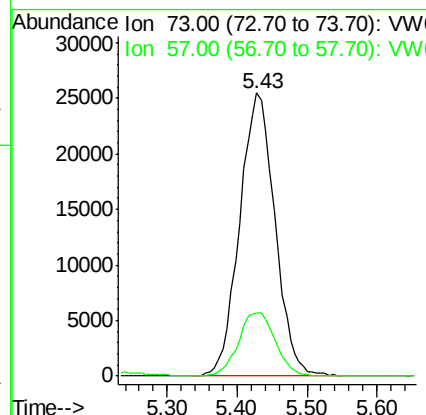
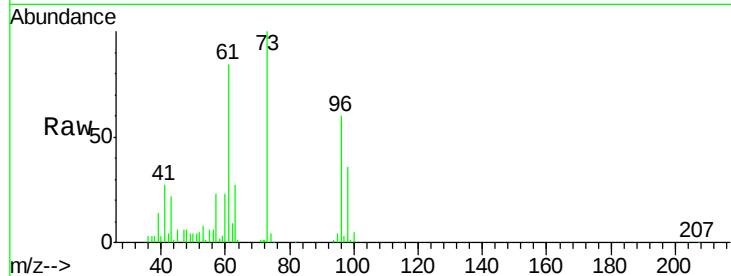
#19
Methyl tert-butyl Ether
Concen: 20.671 ug/l
RT: 5.43 min Scan# 630
Delta R.T. -0.00 min
Lab File: VW003898.D
Acq: 12 Jul 2018 15:48

Instrument :
MSVOA_W
ClientSampleId :
VW0712SBSD01

Tot Ion: 73 Resp: 89310
Ion Ratio Lower Upper
73 100
57 22.5 17.9 26.9

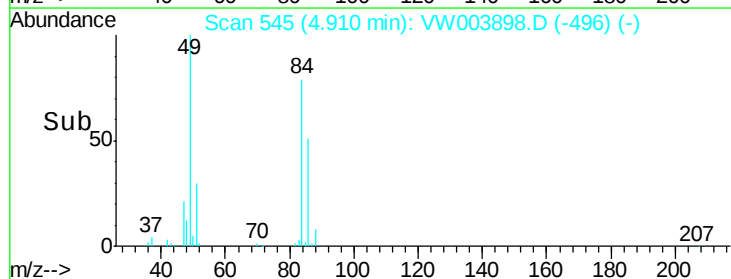
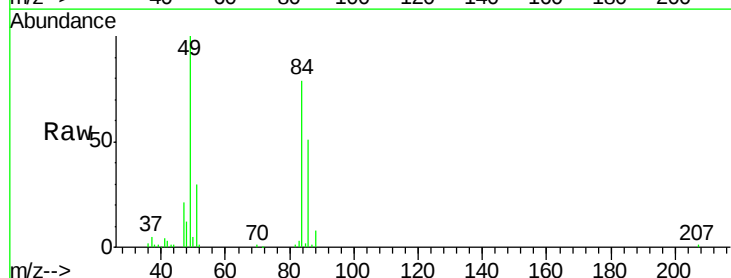
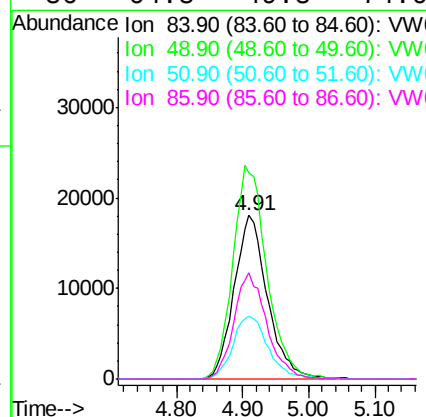
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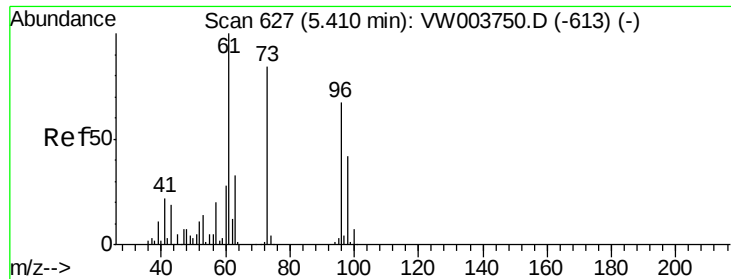
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#20
Methylene Chloride
Concen: 23.353 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003898.D
Acq: 12 Jul 2018 15:48

Tgt Ion: 84 Resp: 63224
Ion Ratio Lower Upper
84 100
49 126.3 105.1 157.7
51 38.3 32.5 48.7
86 64.8 49.8 74.6





#21

trans-1,2-Dichloroethene

Concen: 21.630 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.01 min

Lab File: VW003898.D

Acq: 12 Jul 2018 15:48

Instrument :

MSVOA_W

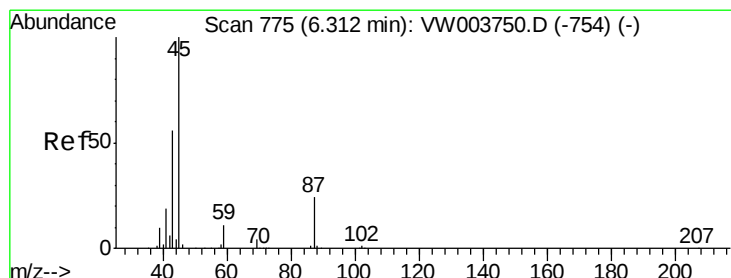
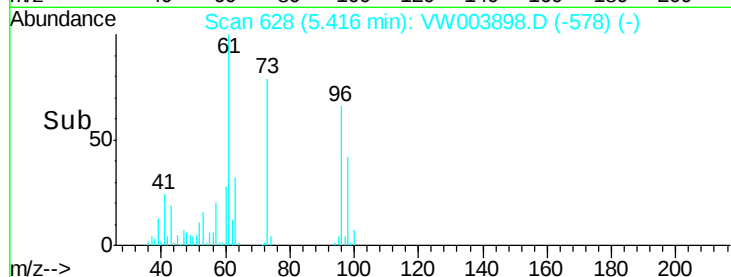
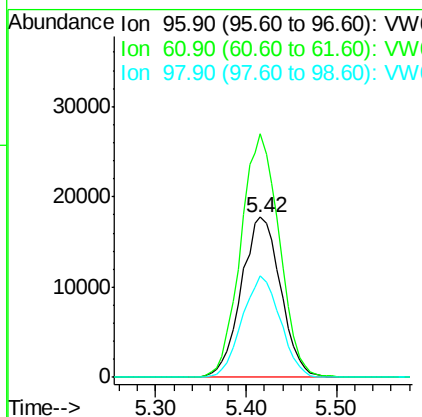
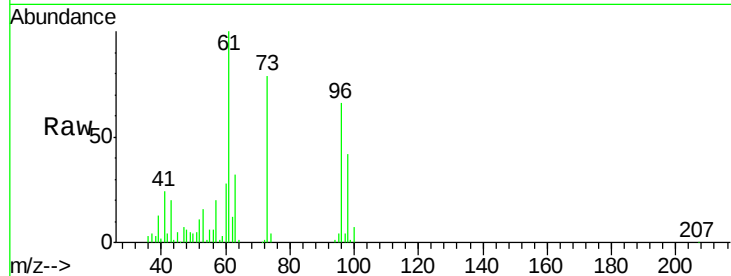
ClientSampleId :

VW0712SBSD01

Tot Ion:	96	Resp:	53541
Ion	Ratio	Lower	Upper
96	100		
61	152.0	119.0	178.6
98	63.3	49.8	74.8

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#22

Diisopropyl ether

Concen: 21.296 ug/l

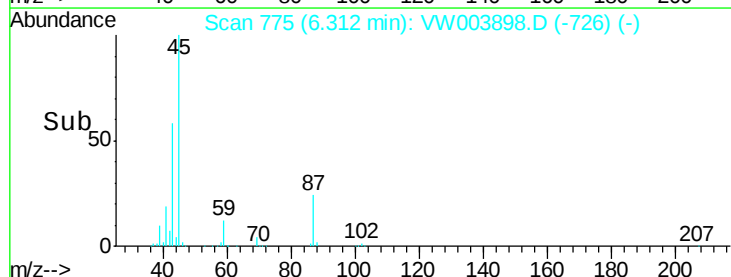
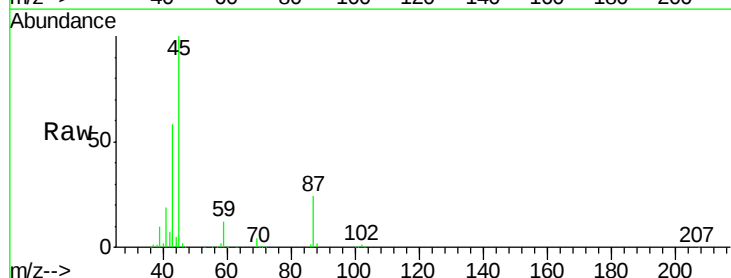
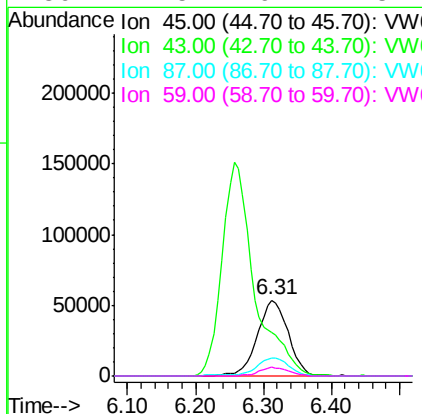
RT: 6.31 min Scan# 775

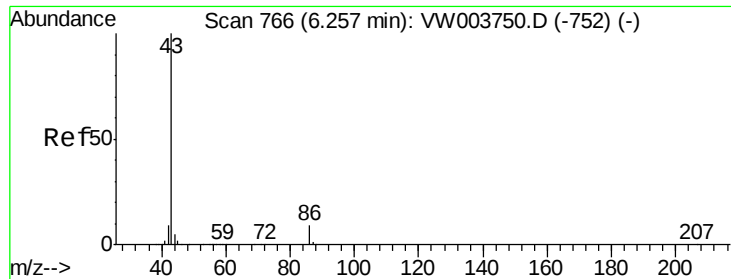
Delta R.T. -0.00 min

Lab File: VW003898.D

Acq: 12 Jul 2018 15:48

Tgt Ion:	45	Resp:	170195
Ion	Ratio	Lower	Upper
45	100		
43	57.7	44.5	66.7
87	24.2	19.6	29.4
59	11.5	9.1	13.7





#23

Vinyl Acetate

Concen: 102.221 ug/l

RT: 6.26 min Scan# 766

Delta R.T. -0.00 min

Lab File: VW003898.D

Acq: 12 Jul 2018 15:48

Instrument :

MSVOA_W

ClientSampleId :

VW0712SBSD01

Tot Ion: 43 Resp: 498703

Ion Ratio Lower Upper

43 100

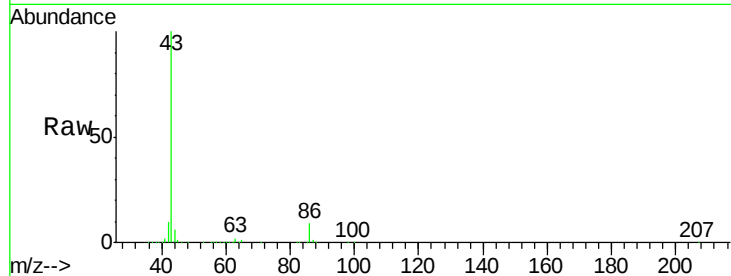
86 8.8 7.3 10.9

Manual Integrations

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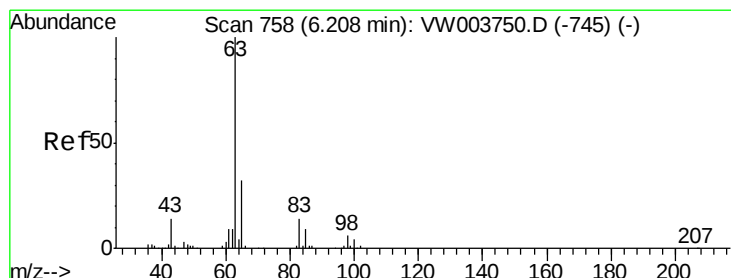
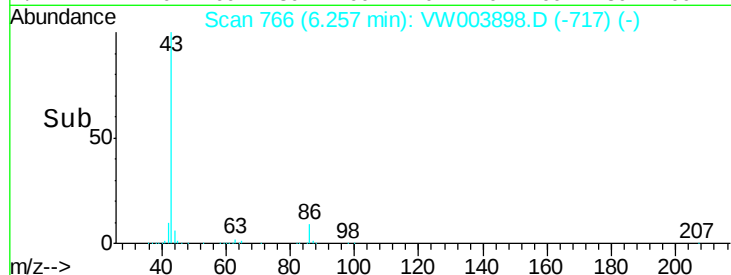
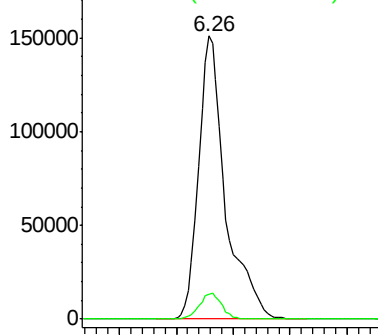
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 20.874 ug/l

RT: 6.21 min Scan# 759

Delta R.T. 0.01 min

Lab File: VW003898.D

Acq: 12 Jul 2018 15:48

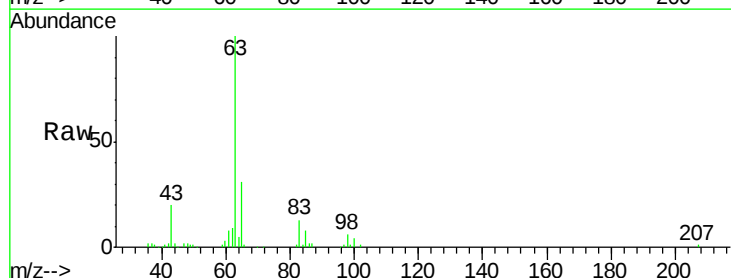
Tgt Ion: 63 Resp: 100897

Ion Ratio Lower Upper

63 100

98 5.9 3.2 9.6

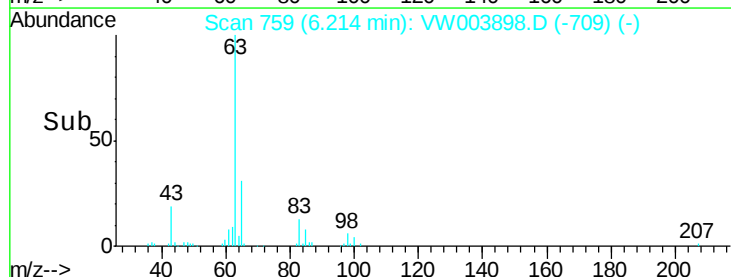
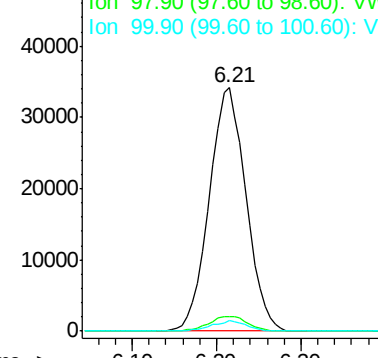
100 4.5 2.1 6.2

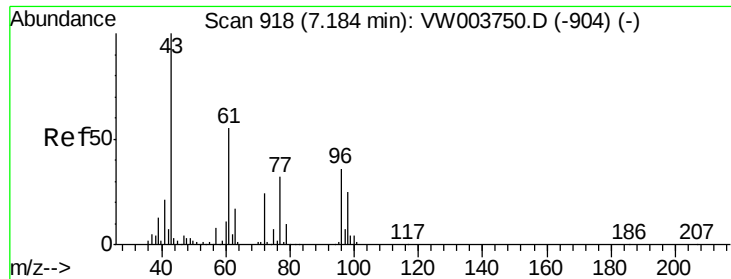


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 100.731 ug/l

RT: 7.18 min Scan# 918

Delta R.T. -0.00 min

Lab File: VW003898.D

Acq: 12 Jul 2018 15:48

Instrument :

MSVOA_W

ClientSampleId :

VW0712SBSD01

Tot Ion: 43 Resp: 79676

Ion Ratio Lower Upper

43 100

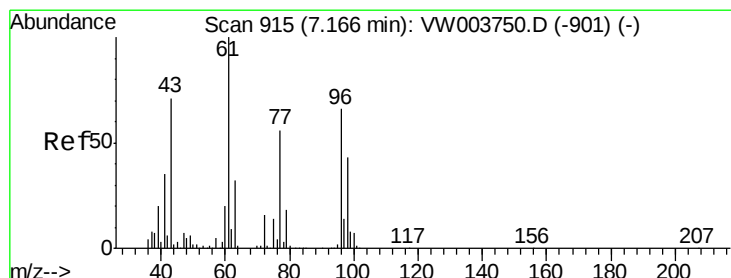
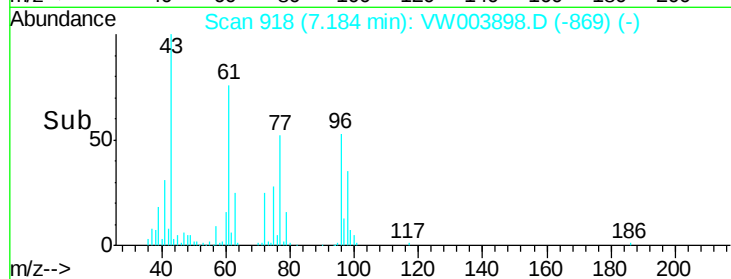
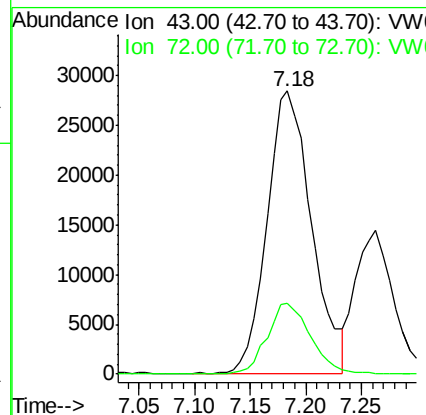
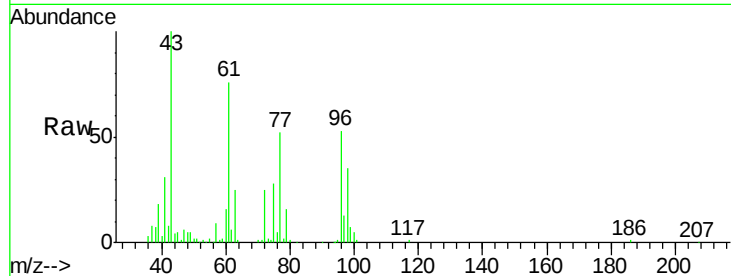
72 25.1 19.4 29.2

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#26

2,2-Dichloropropane

Concen: 24.084 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW003898.D

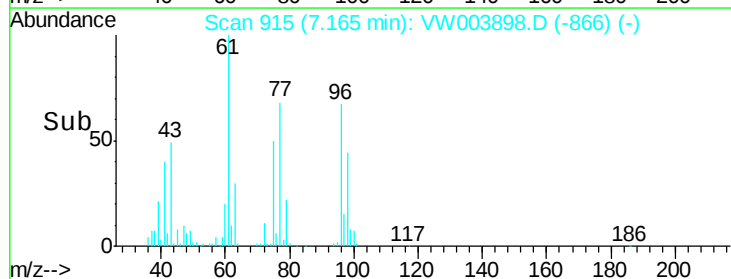
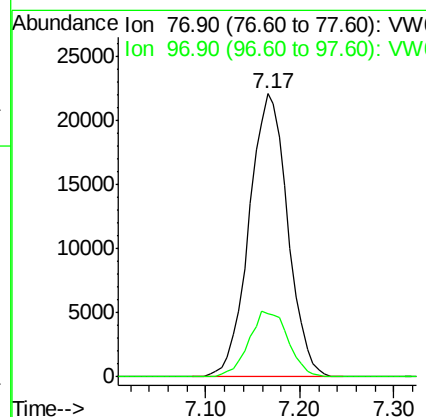
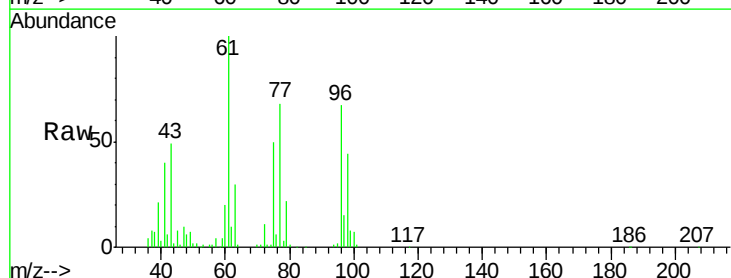
Acq: 12 Jul 2018 15:48

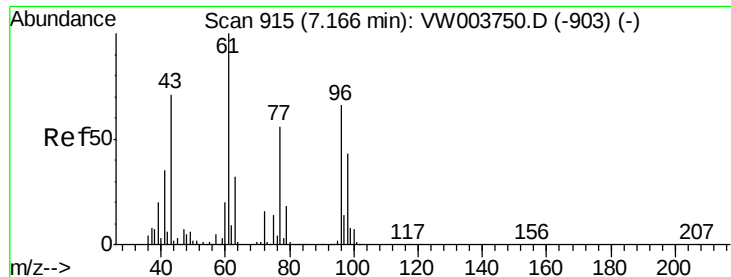
Tgt Ion: 77 Resp: 63143

Ion Ratio Lower Upper

77 100

97 23.6 11.5 34.5





#27

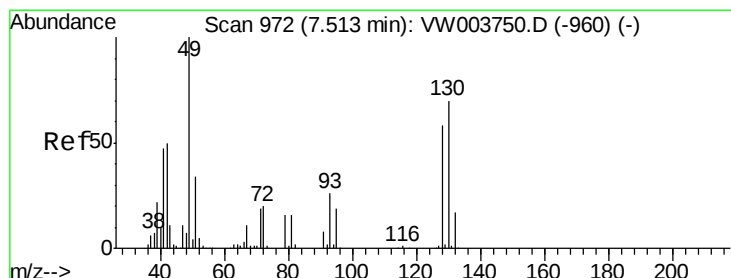
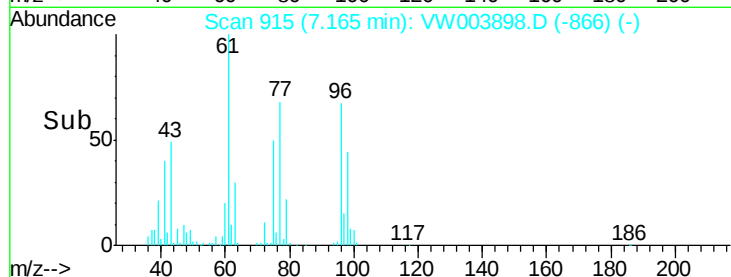
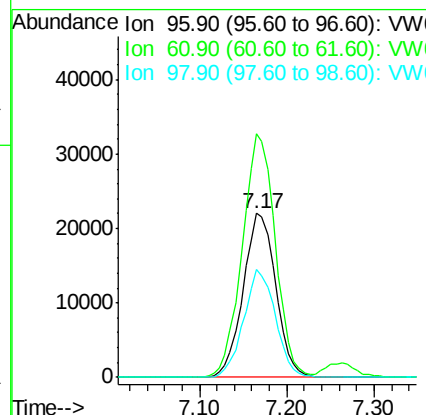
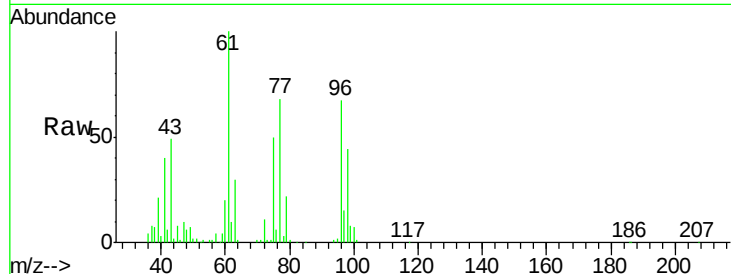
cis-1,2-Dichloroethene
Concen: 20.834 ug/l
RT: 7.17 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW003898.D
Acq: 12 Jul 2018 15:48

Instrument :
MSVOA_W
ClientSampleId :
VW0712SBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	150.1	0.0	300.8
98	64.0	0.0	128.6

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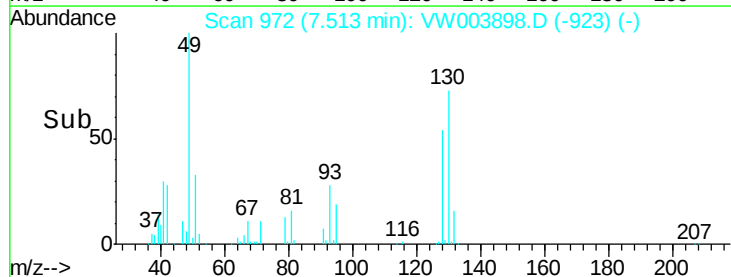
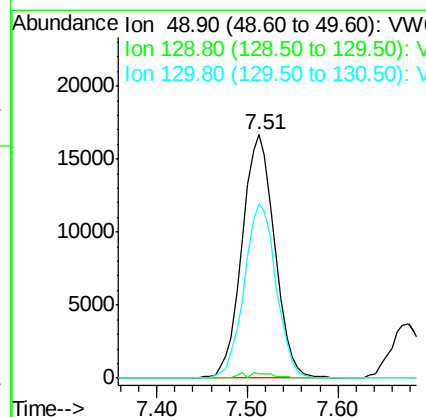
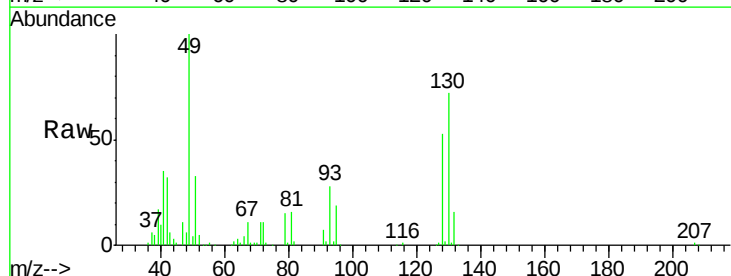
apatel
7/13/2018 9:31:23 AM

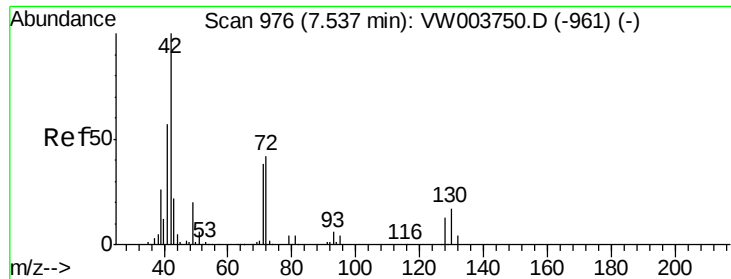


#28

Bromochloromethane
Concen: 19.299 ug/l
RT: 7.51 min Scan# 972
Delta R.T. -0.00 min
Lab File: VW003898.D
Acq: 12 Jul 2018 15:48

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	4.4
130	69.8	56.9	85.3





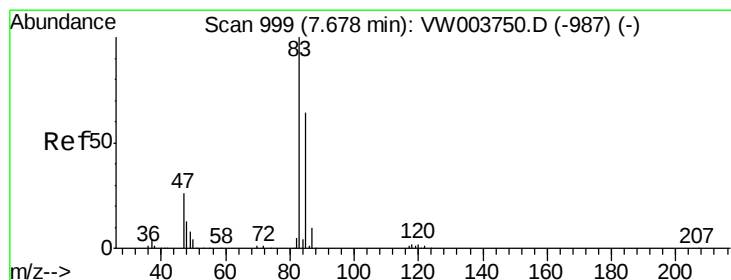
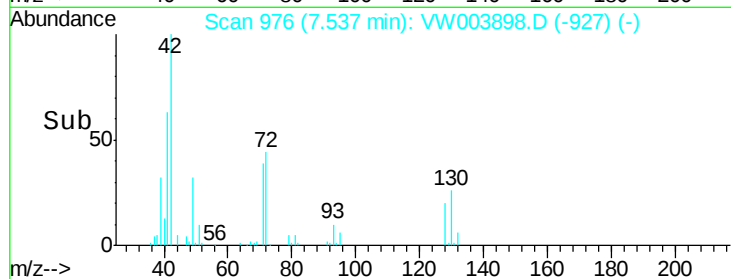
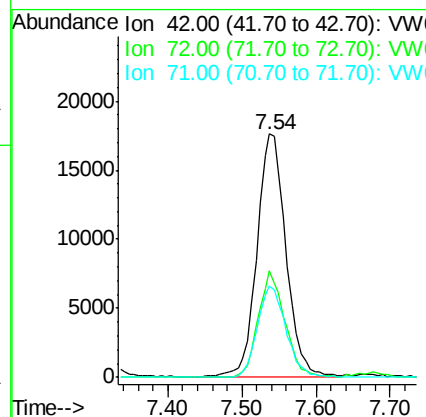
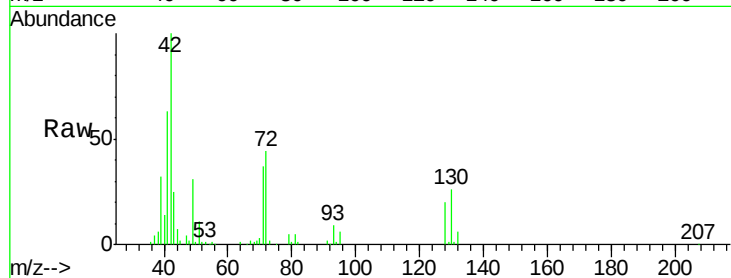
#29
Tetrahydrofuran
Concen: 95.032 ug/l
RT: 7.54 min Scan# 976
Delta R.T. -0.00 min
Lab File: VW003898.D
Acq: 12 Jul 2018 15:48

Instrument :
MSVOA_W
ClientSampleId :
VW0712SBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.0	31.8	47.8
71	36.9	30.3	45.5

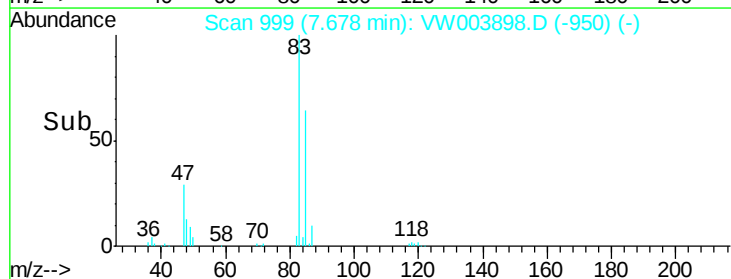
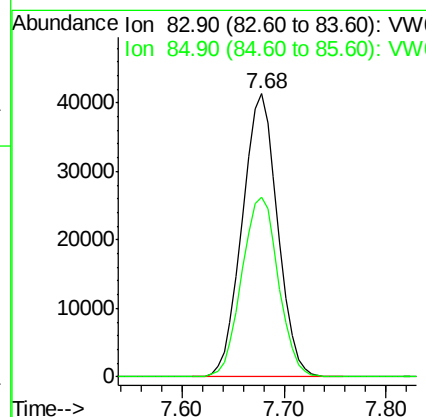
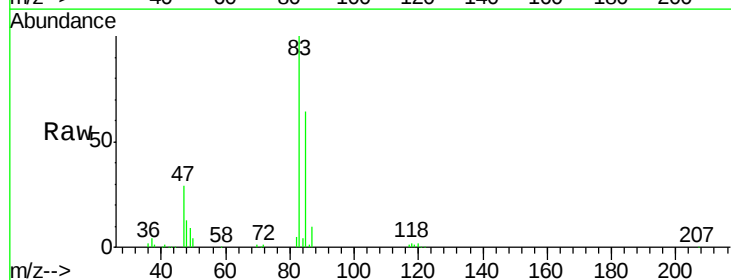
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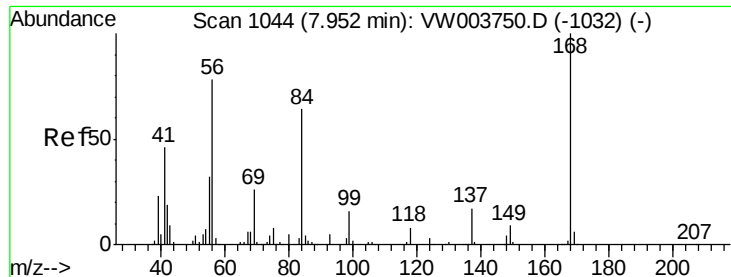
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#30
Chloroform
Concen: 20.206 ug/l
RT: 7.68 min Scan# 999
Delta R.T. -0.00 min
Lab File: VW003898.D
Acq: 12 Jul 2018 15:48

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.5	51.5	77.3





#31

Cyclohexane

Concen: 22.224 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW003898.D

Acq: 12 Jul 2018 15:48

Instrument :

MSVOA_W

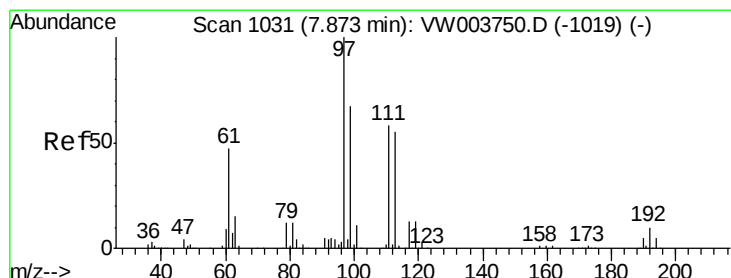
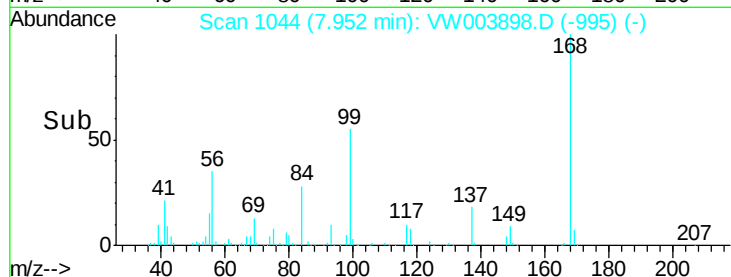
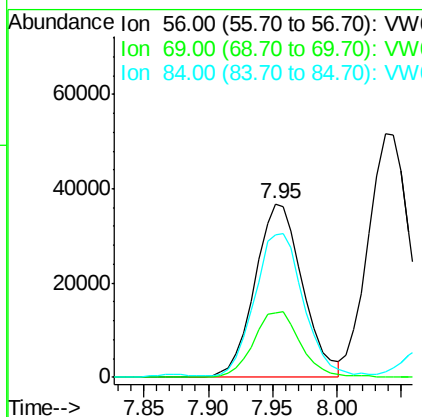
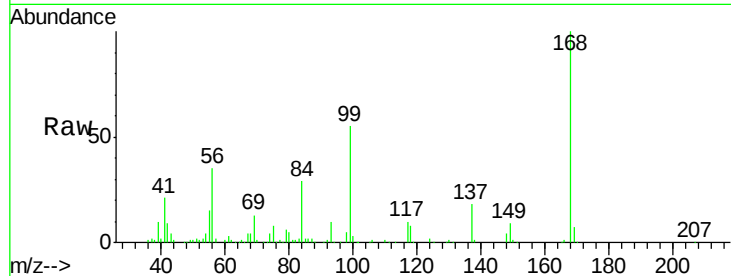
ClientSampleId :

VW0712SBS01

Tot Ion:	56	Resp:	94397
Ion Ratio	Lower	Upper	
56	100		
69	36.9	26.2	39.4
84	80.9	65.5	98.3

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#32

1,1,1-Trichloroethane

Concen: 21.814 ug/l

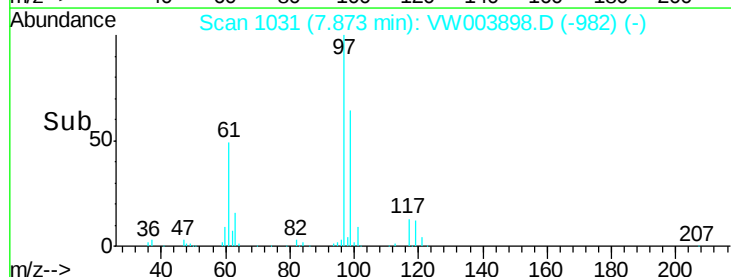
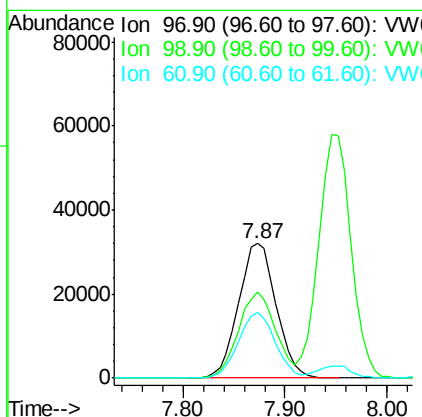
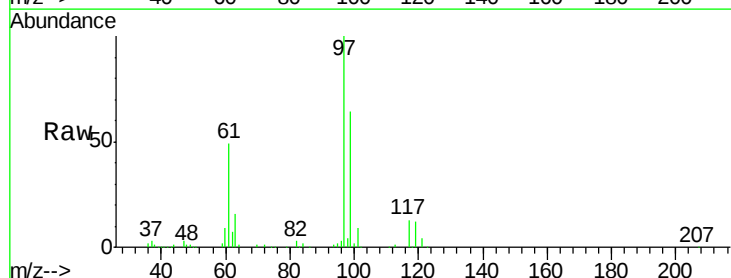
RT: 7.87 min Scan# 1031

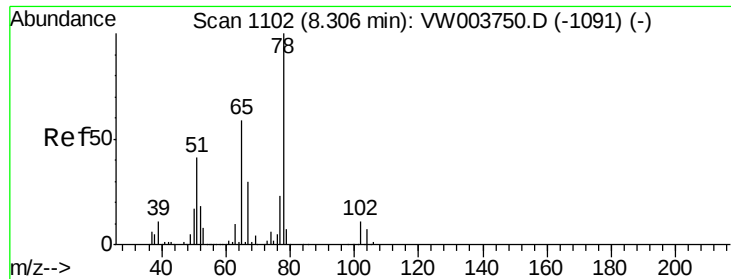
Delta R.T. -0.00 min

Lab File: VW003898.D

Acq: 12 Jul 2018 15:48

Tgt Ion:	97	Resp:	81863
Ion Ratio	Lower	Upper	
97	100		
99	63.7	51.2	76.8
61	48.0	37.6	56.4





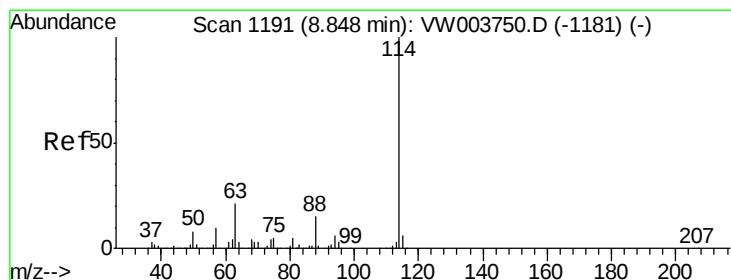
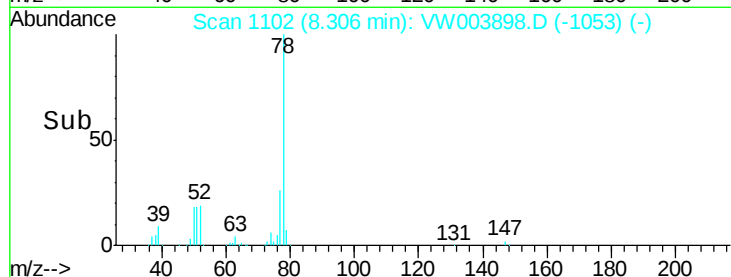
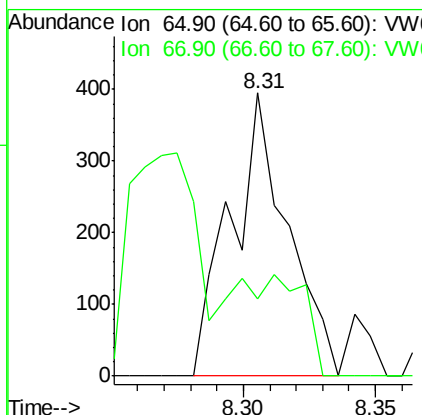
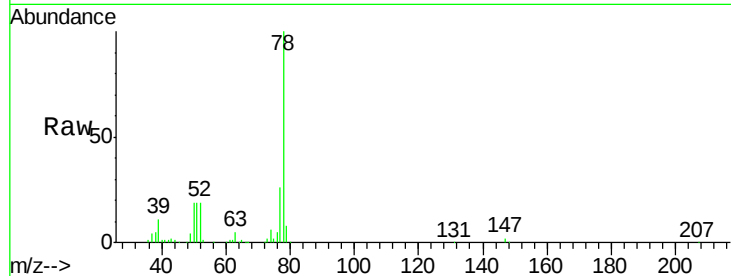
#33
 1,2-Dichloroethane-d4
 Concen: 0.202 ug/l m
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.00 min
 Lab File: VW003898.D
 Acq: 12 Jul 2018 15:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0712SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	589		
67	9.2	0.0	103.8	

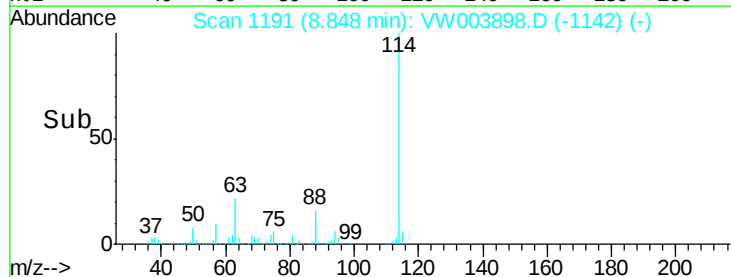
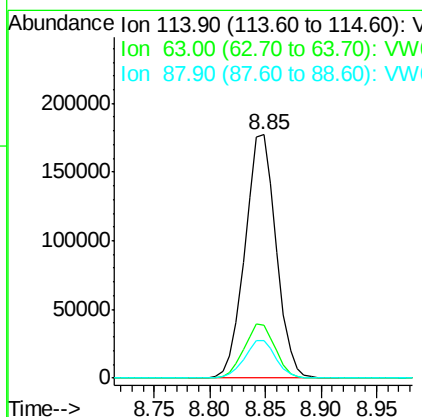
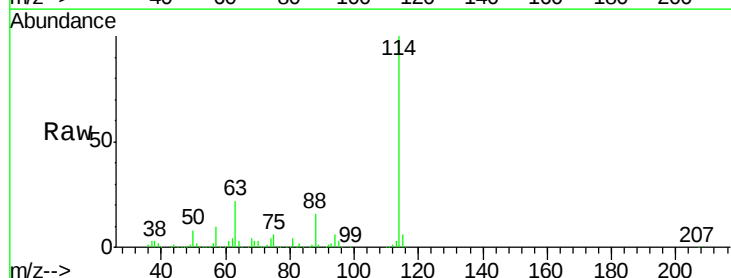
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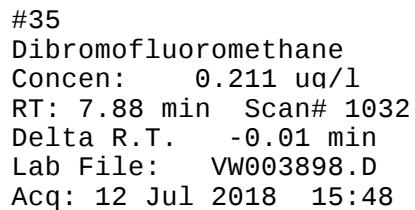
apatel
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW003898.D
 Acq: 12 Jul 2018 15:48

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	345041		
63	21.6	0.0	41.8	
88	15.5	0.0	30.2	



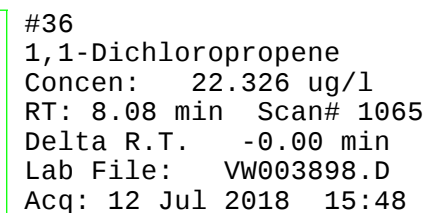
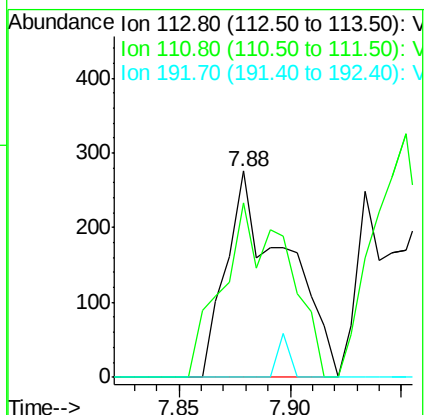


Instrument :
MSVOA_W
ClientSampleId :
VW0712SBSD01

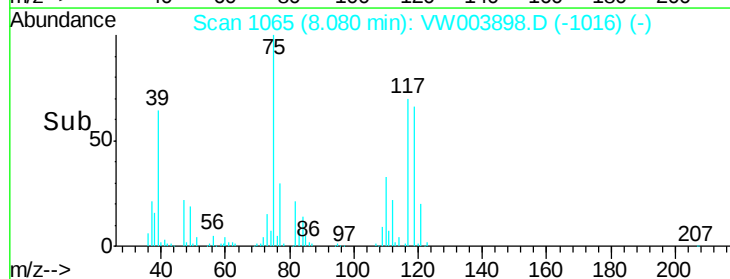
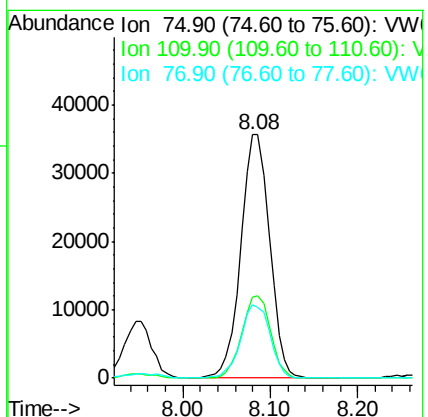
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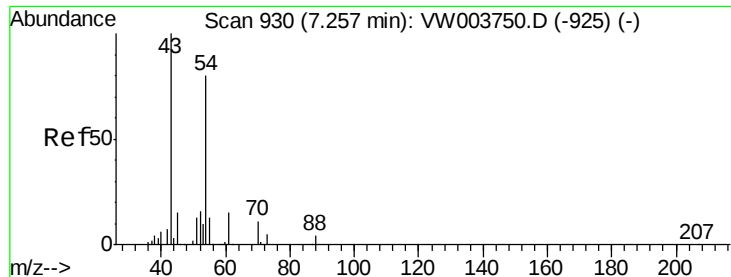
apatel
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Tqt	Ion:113	Resp:	509
Ion	Ratio	Lower	Upper
113	100		
111	92.7	81.7	122.5
192	4.3	15.8	23.8#



Tgt	Ion: 75	Resp:	81735
Ion	Ratio	Lower	Upper
75	100		
110	33.7	16.9	50.6
77	31.0	24.8	37.2





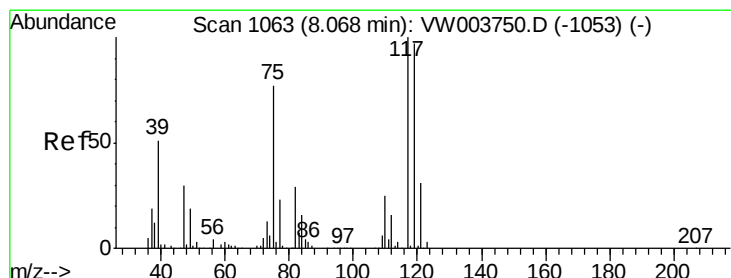
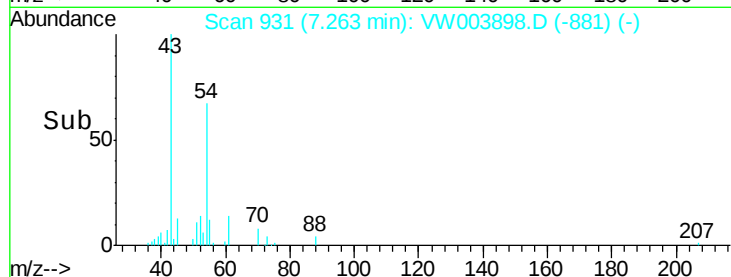
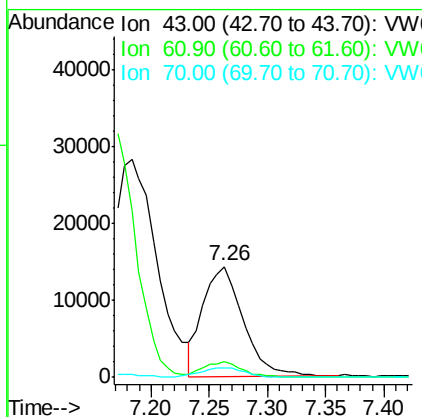
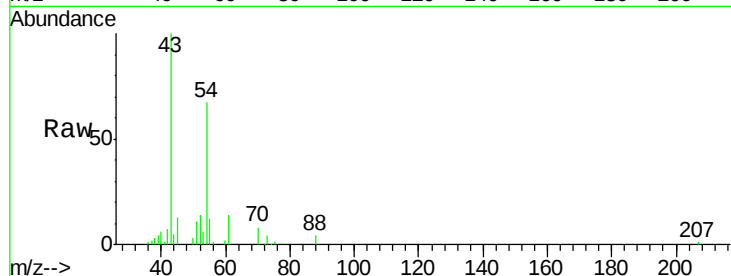
#37
Ethyl Acetate
Concen: 19.278 ug/l
RT: 7.26 min Scan# 931
Delta R.T. 0.01 min
Lab File: VW003898.D
Acq: 12 Jul 2018 15:48

Instrument :
MSVOA_W
ClientSampleId :
VW0712SBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.2	10.6	15.8
70	9.8	7.5	11.3

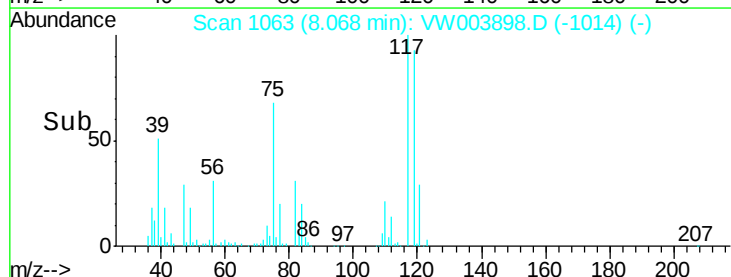
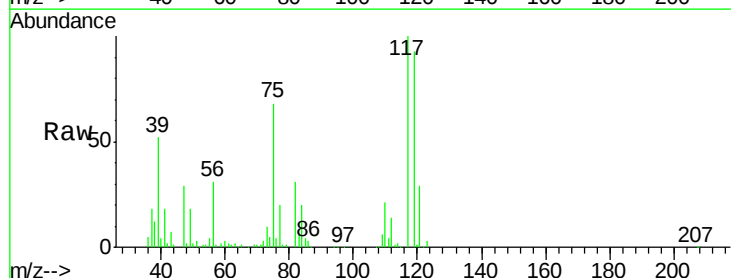
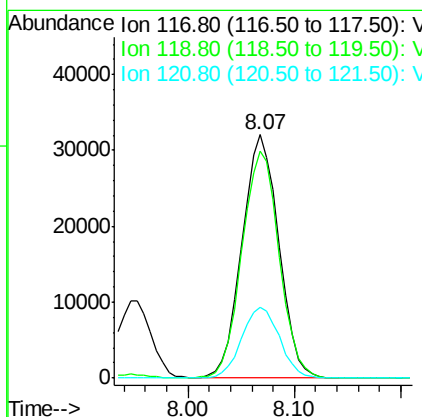
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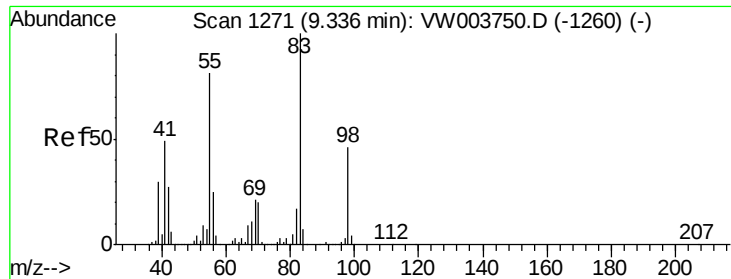
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#38
Carbon Tetrachloride
Concen: 22.381 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. -0.00 min
Lab File: VW003898.D
Acq: 12 Jul 2018 15:48

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.0	77.4	116.2
121	29.1	24.6	37.0





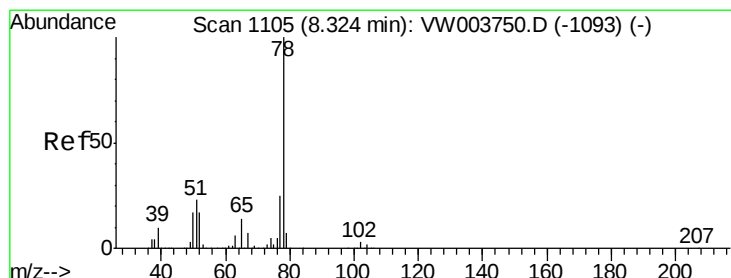
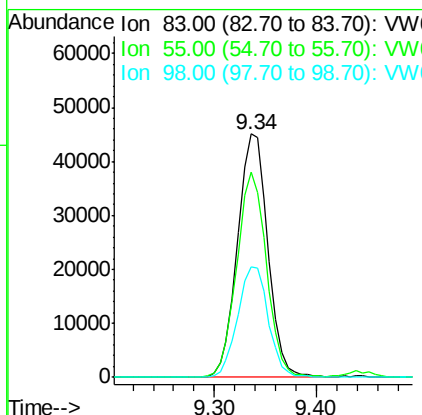
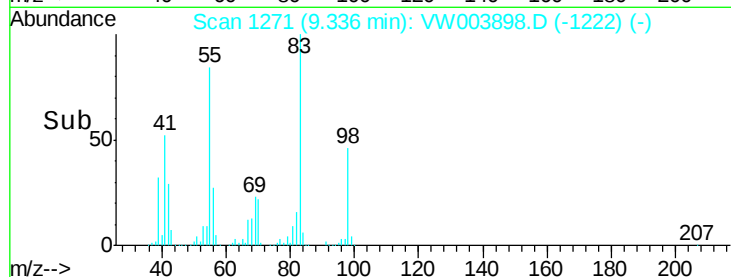
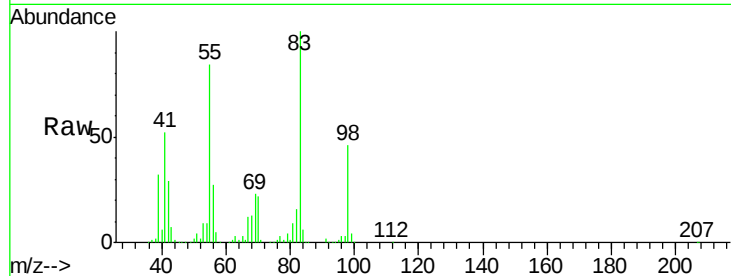
#39
Methvlcvclohexane
Concen: 23.253 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VW003898.D
Acq: 12 Jul 2018 15:48

Instrument :
MSVOA_W
ClientSampleId :
VW0712SBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	84.4	65.1	97.7
98	45.6	36.7	55.1

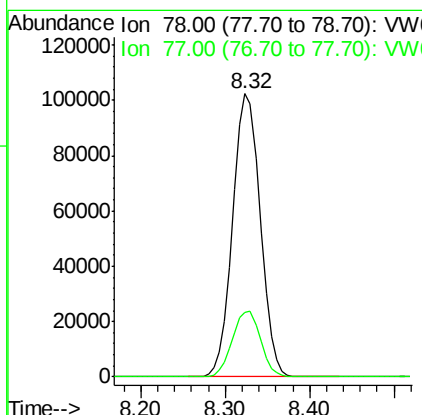
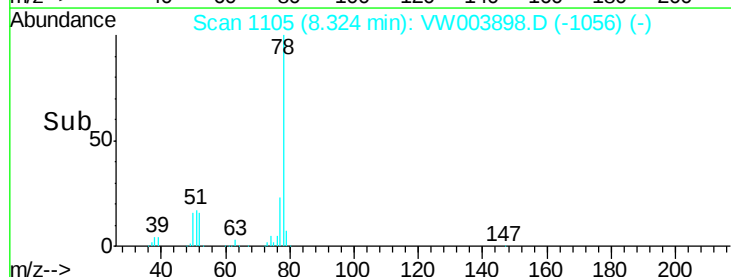
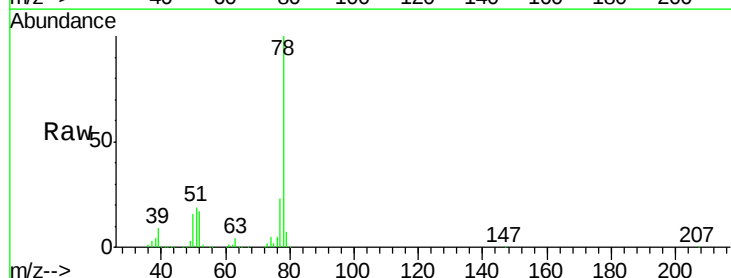
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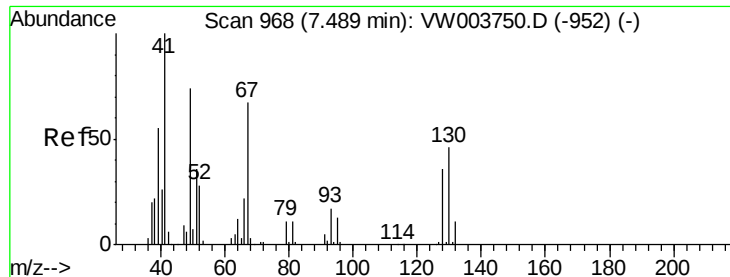
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#40
Benzene
Concen: 21.648 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VW003898.D
Acq: 12 Jul 2018 15:48

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.0	19.7	29.5





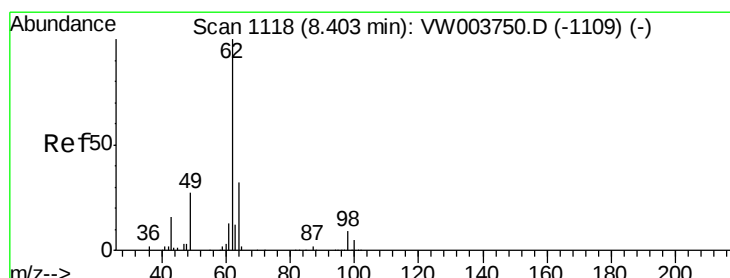
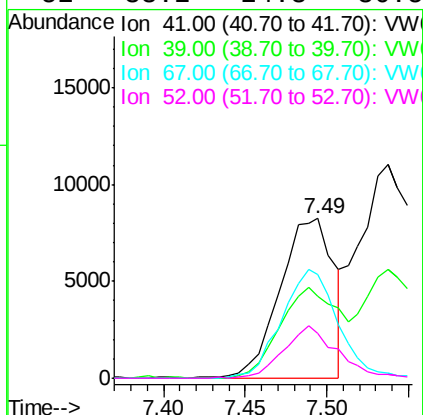
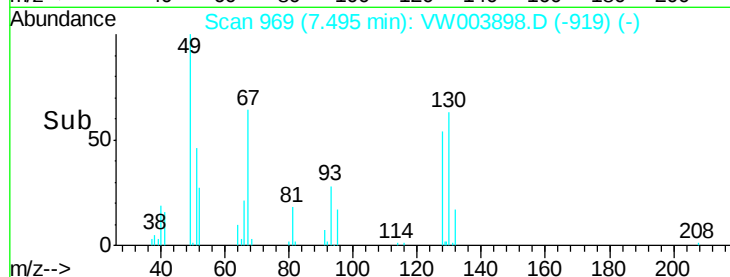
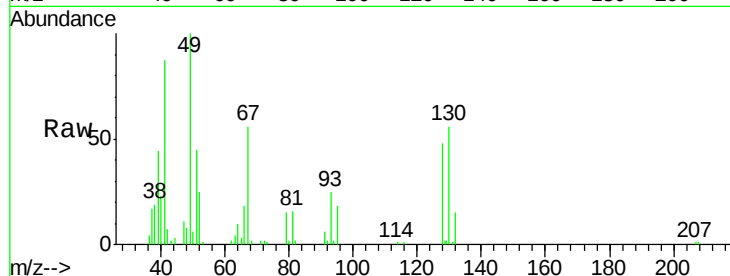
#41
Methacrylonitrile
Concen: 18.443 ug/l
RT: 7.49 min Scan# 969
Delta R.T. 0.01 min
Lab File: VW003898.D
Acq: 12 Jul 2018 15:48

Instrument :
MSVOA_W
ClientSampleId :
VW0712SBSD01

Tot Ion	41	Resp	18899
Ion	Ratio	Lower	Upper
41	100		
39	62.8	49.5	74.3
67	71.1	53.8	80.8
52	33.2	24.3	36.5

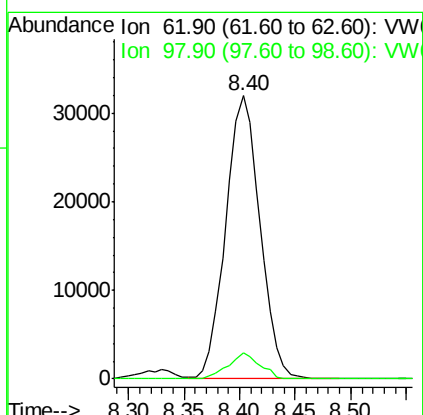
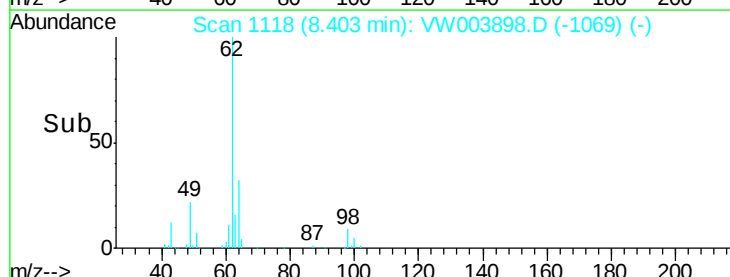
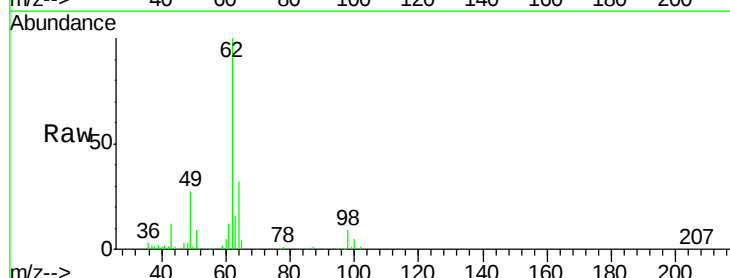
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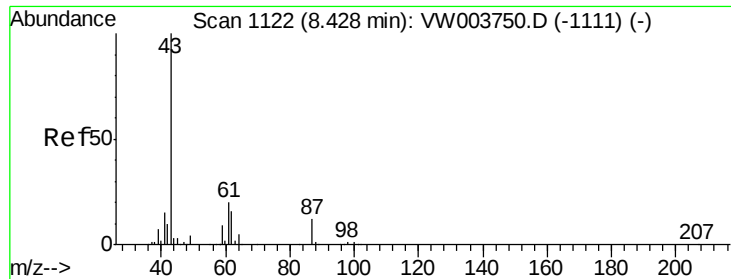
apatel
7/13/2018 9:31:23 AM



#42
1,2-Dichloroethane
Concen: 20.147 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. -0.00 min
Lab File: VW003898.D
Acq: 12 Jul 2018 15:48

Tgt Ion	62	Resp	68245
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	16.4





#43

Isopropyl Acetate

Concen: 19.531 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. 0.01 min

Lab File: VW003898.D

Acq: 12 Jul 2018 15:48

Instrument :

MSVOA_W

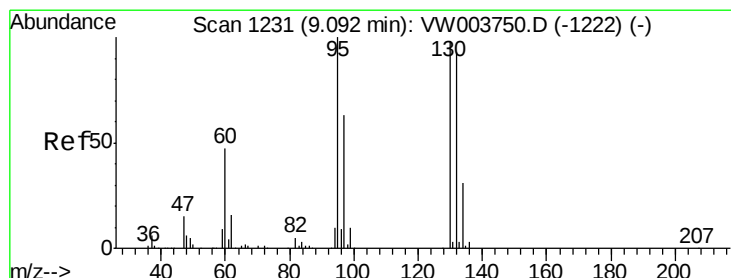
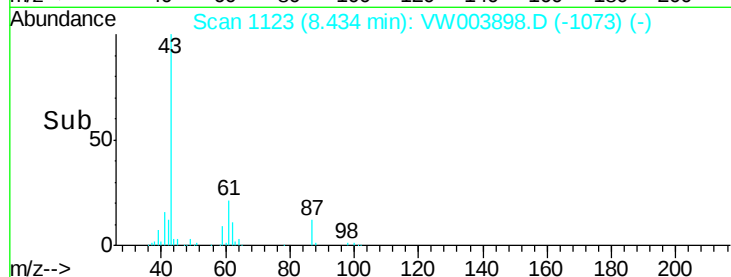
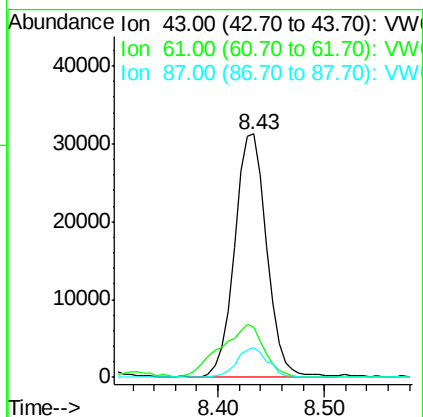
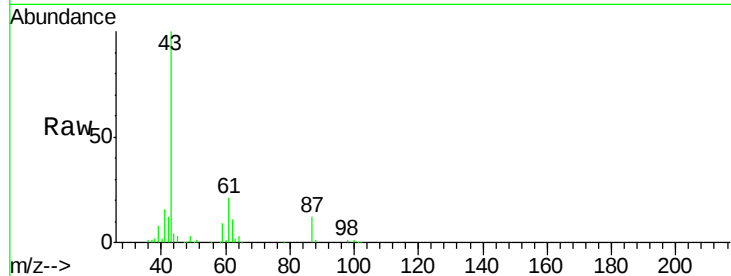
ClientSampleId :

VW0712SBSD01

Tot Ion:	43	Resp:	65941
Ion	Ratio	Lower	Upper
43	100		
61	29.5	22.8	34.2
87	11.9	9.5	14.3

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#44

Trichloroethene

Concen: 21.657 ug/l

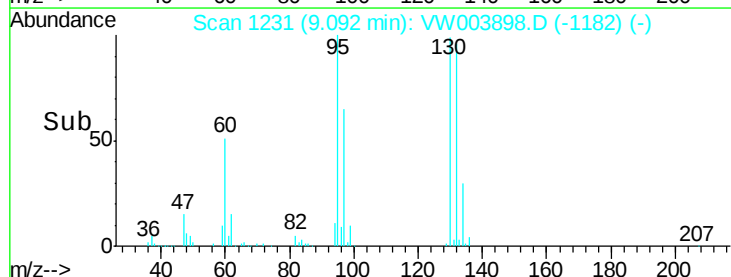
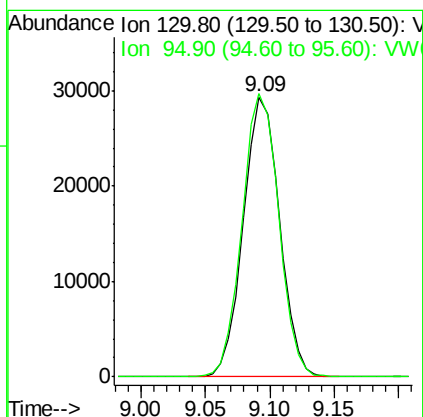
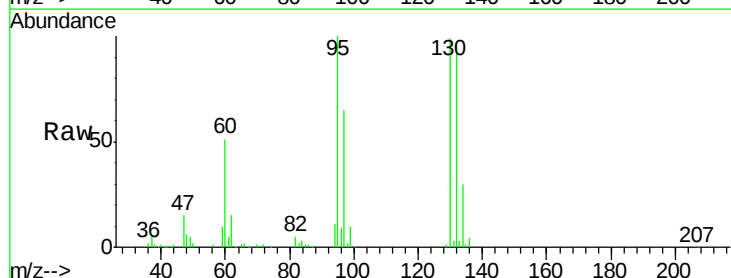
RT: 9.09 min Scan# 1231

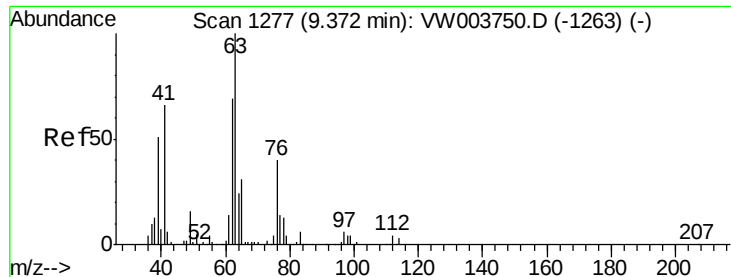
Delta R.T. -0.00 min

Lab File: VW003898.D

Acq: 12 Jul 2018 15:48

Tgt Ion:	130	Resp:	57144
Ion	Ratio	Lower	Upper
130	100		
95	101.1	0.0	203.8





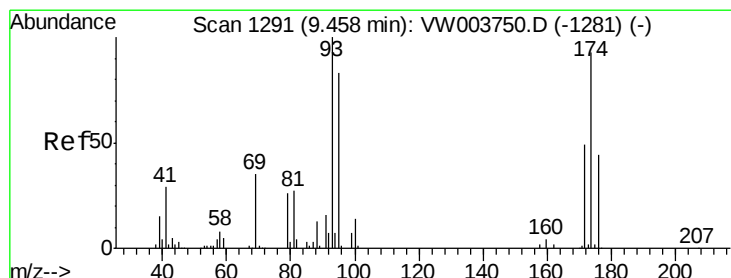
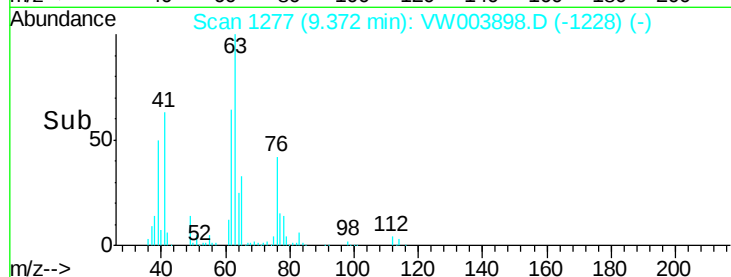
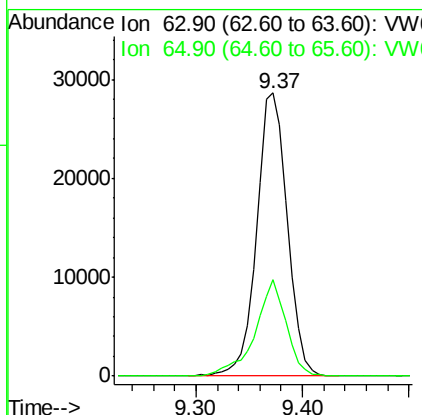
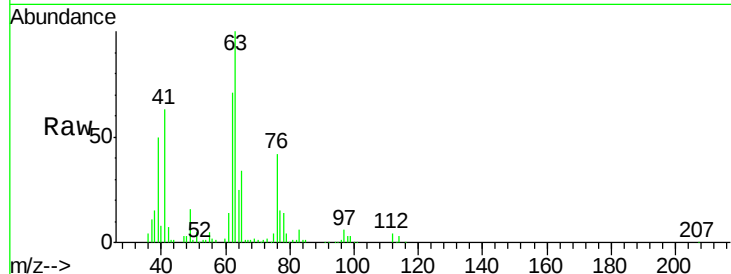
#45
 1,2-Dichloropropane
 Concen: 21.171 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: VW003898.D
 Acq: 12 Jul 2018 15:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0712SBSD01

Tot Ion	Ratio	Lower	Upper
63	100		
65	33.9	24.9	37.3

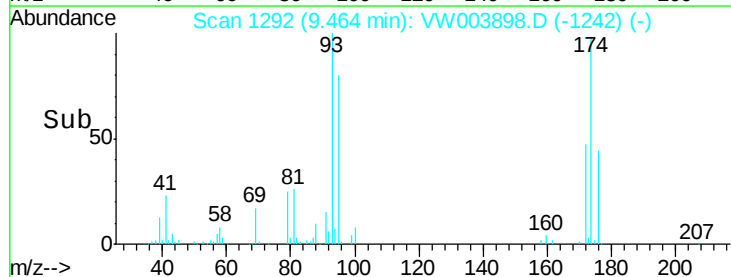
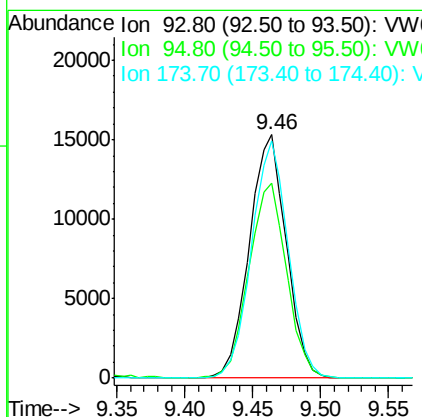
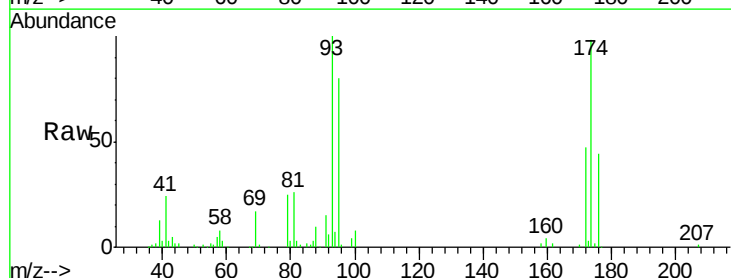
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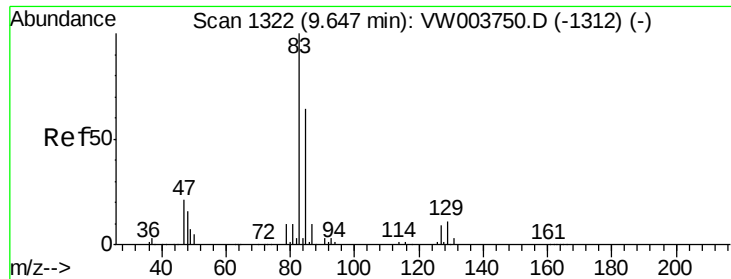
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#46
 Dibromomethane
 Concen: 20.396 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. 0.01 min
 Lab File: VW003898.D
 Acq: 12 Jul 2018 15:48

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.8	67.2	100.8
174	96.8	78.1	117.1





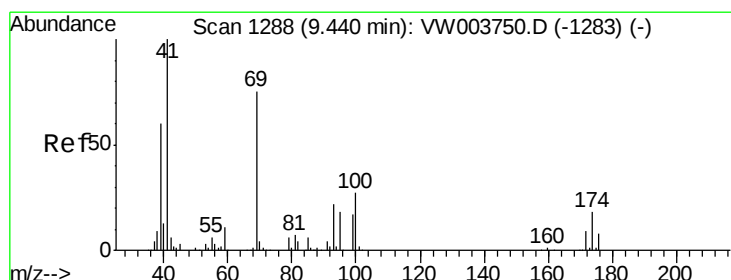
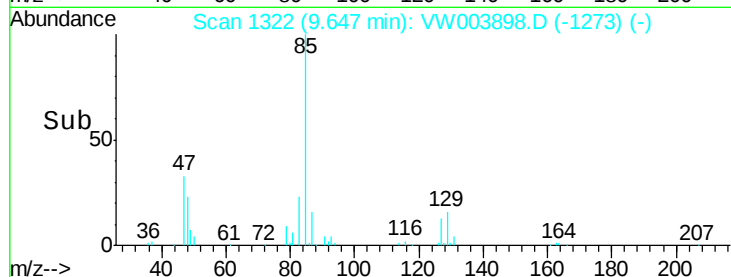
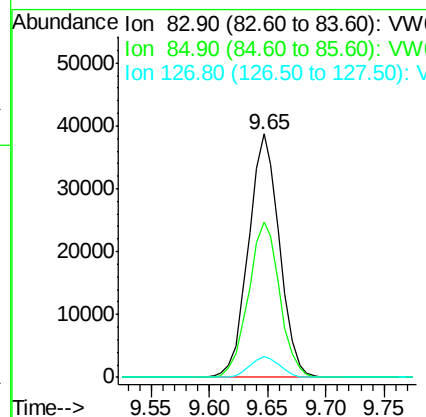
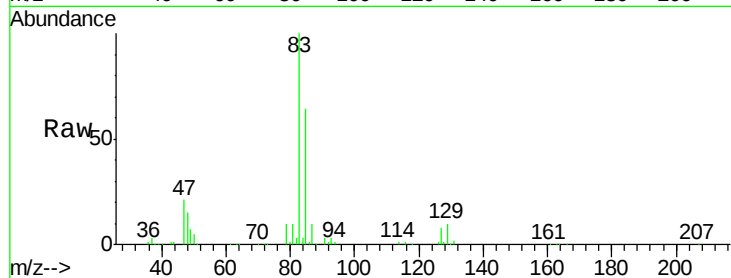
#47
 Bromodichloromethane
 Concen: 20.338 ug/l
 RT: 9.65 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VW003898.D
 Acq: 12 Jul 2018 15:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0712SBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
85	63.6	51.4	77.0
127	8.4	6.8	10.2

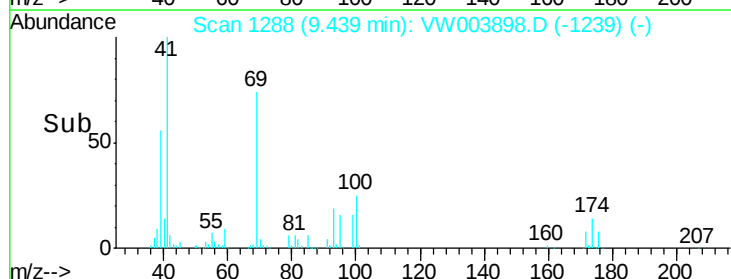
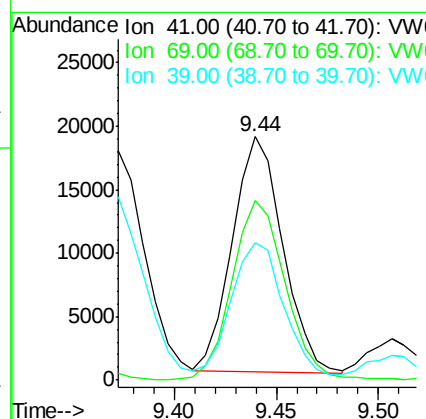
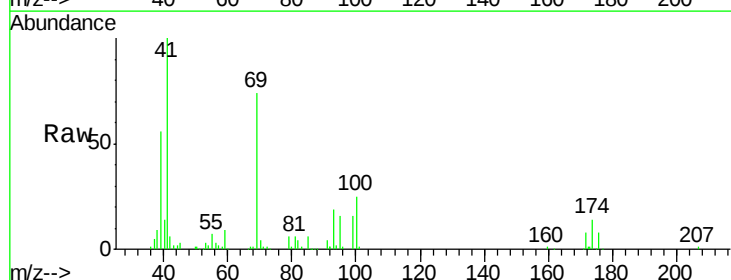
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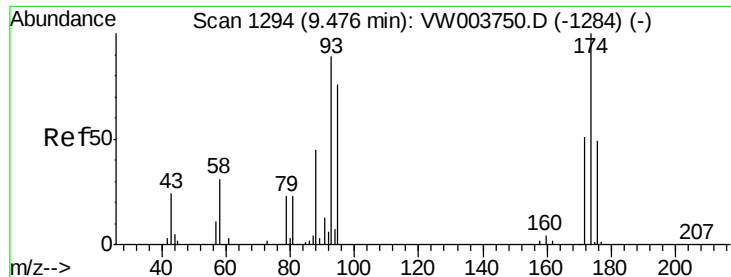
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#48
 Methyl methacrylate
 Concen: 19.739 ug/l
 RT: 9.44 min Scan# 1288
 Delta R.T. -0.00 min
 Lab File: VW003898.D
 Acq: 12 Jul 2018 15:48

Tgt Ion	Ratio	Lower	Upper
41	100		
69	81.3	63.8	95.8
39	61.6	50.2	75.2





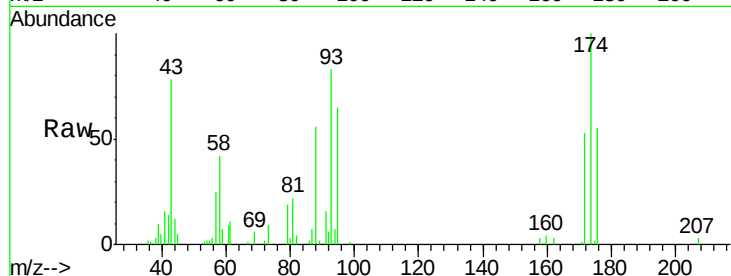
#49
1,4-Dioxane
Concen: 363.266 ug/l
RT: 9.48 min Scan# 1295
Delta R.T. 0.01 min
Lab File: VW003898.D
Acq: 12 Jul 2018 15:48

Instrument :
MSVOA_W
ClientSampleId :
VW0712SBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	78.3	59.7	89.5

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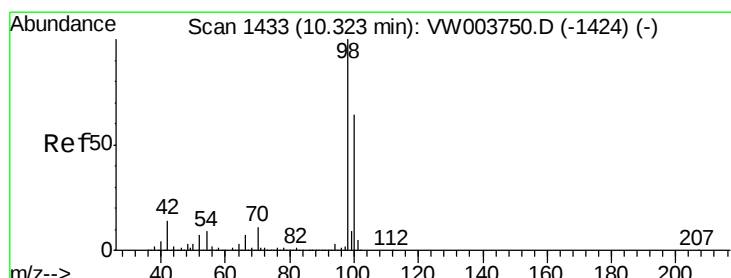
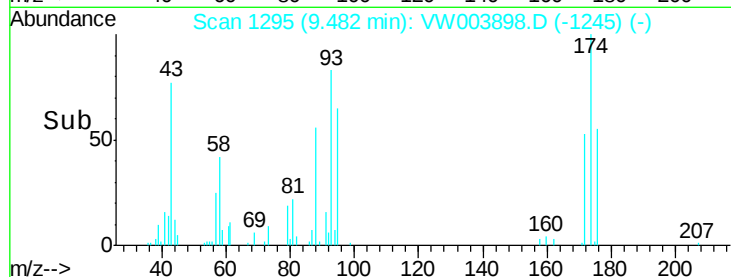
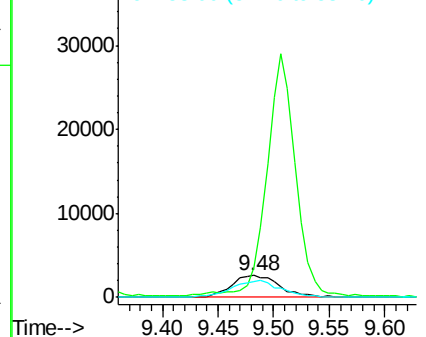


Abundance

Ion 88.00 (87.70 to 88.70): VW

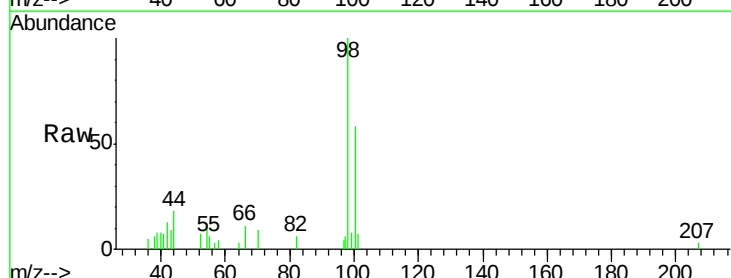
Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50
Toluene-d8
Concen: 0.364 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.01 min
Lab File: VW003898.D
Acq: 12 Jul 2018 15:48

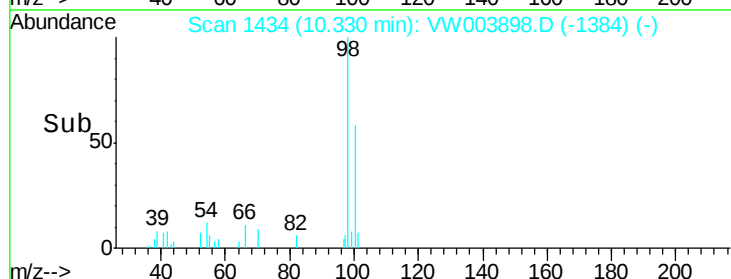
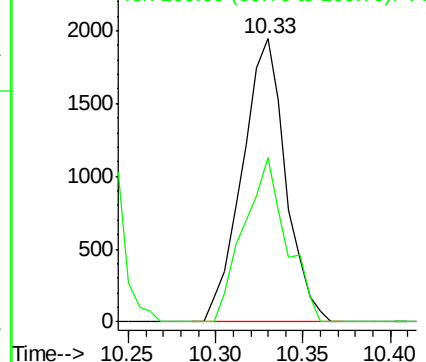
Tgt Ion	Ratio	Lower	Upper
98	100		
100	57.4	50.8	76.2

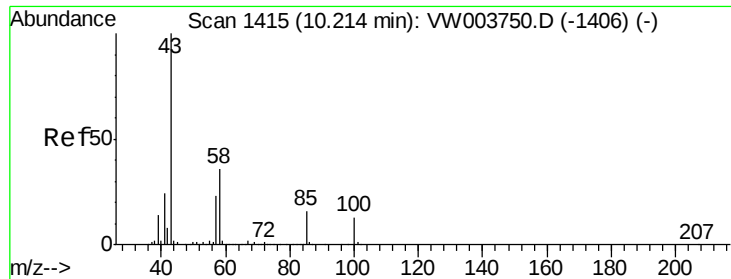


Abundance

Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 98.890 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. -0.00 min

Lab File: VW003898.D

Acq: 12 Jul 2018 15:48

Instrument :

MSVOA_W

ClientSampleId :

VW0712SBS01

Tot Ion: 43 Resp: 172769

Ion Ratio Lower Upper

43 100

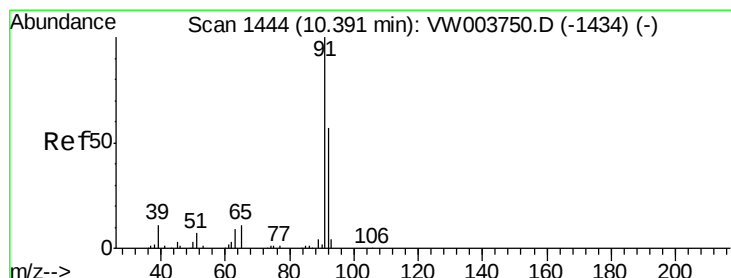
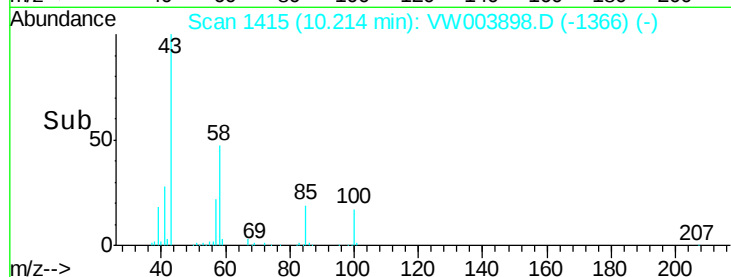
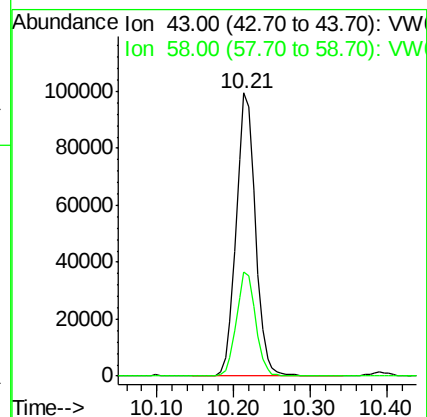
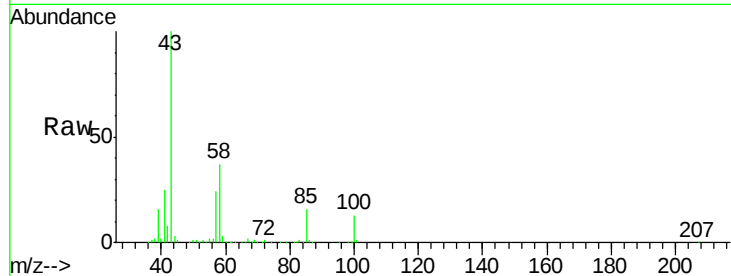
58 36.8 29.3 43.9

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#52

Toluene

Concen: 21.336 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. -0.00 min

Lab File: VW003898.D

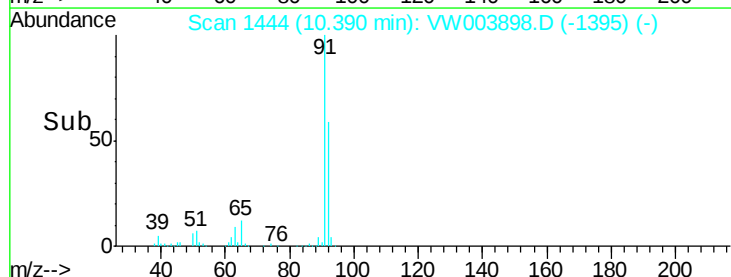
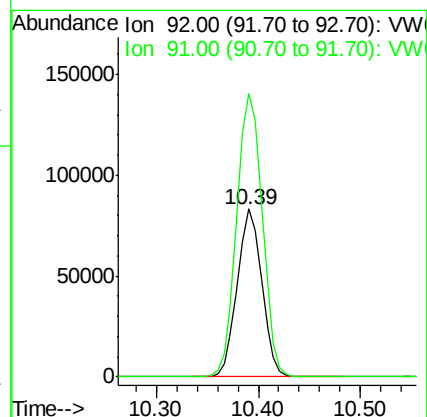
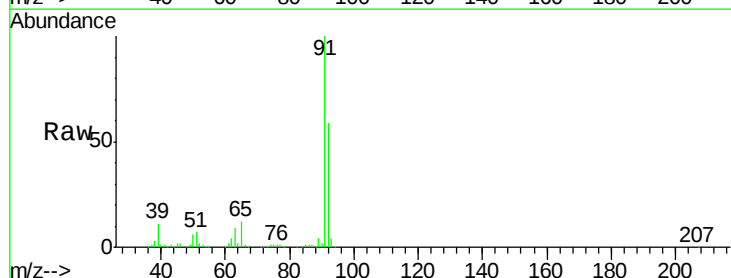
Acq: 12 Jul 2018 15:48

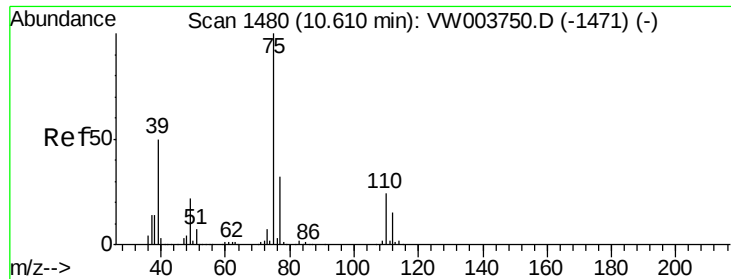
Tgt Ion: 92 Resp: 138473

Ion Ratio Lower Upper

92 100

91 175.8 140.6 211.0





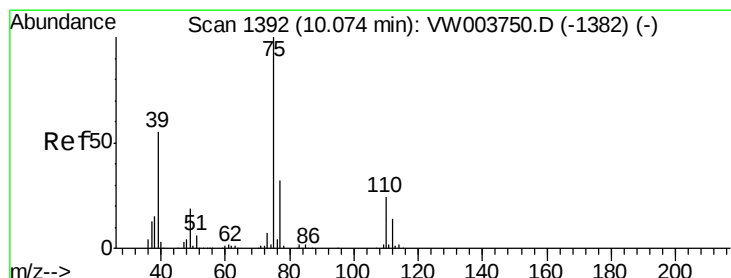
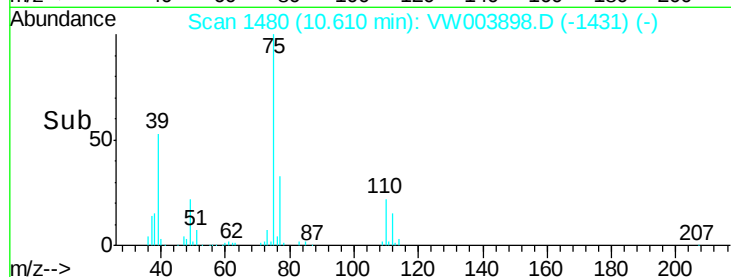
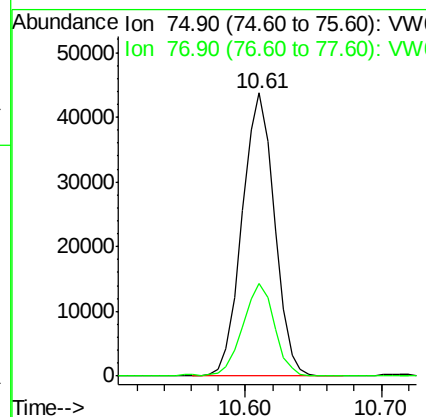
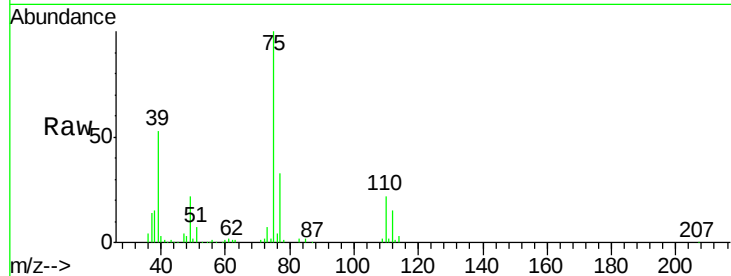
#53
t-1,3-Dichloropropene
Concen: 20.691 ug/l
RT: 10.61 min Scan# 1480
Delta R.T. -0.00 min
Lab File: VW003898.D
Acq: 12 Jul 2018 15:48

Instrument :
MSVOA_W
ClientSampleId :
VW0712SBSD01

Tot Ion: 75 Resp: 72725
Ion Ratio Lower Upper
75 100
77 32.8 25.5 38.3

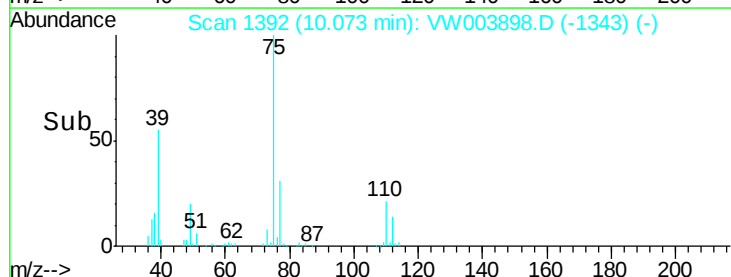
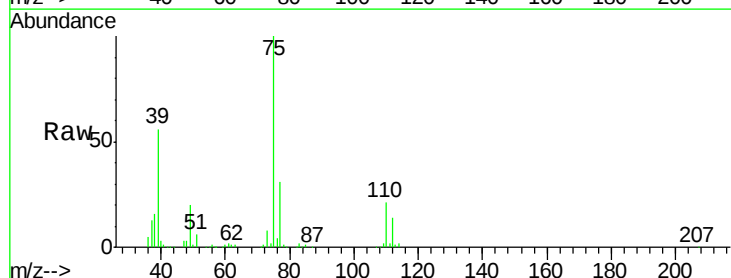
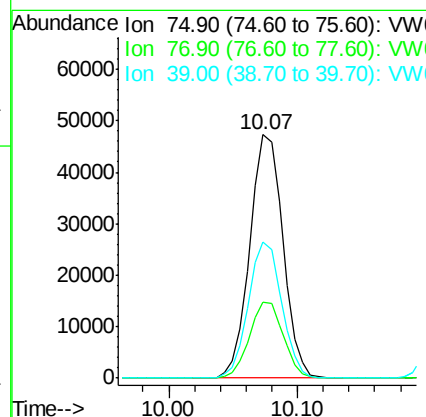
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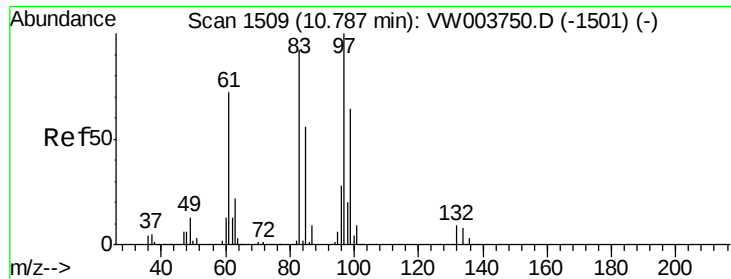
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#54
cis-1,3-Dichloropropene
Concen: 21.162 ug/l
RT: 10.07 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW003898.D
Acq: 12 Jul 2018 15:48

Tgt Ion: 75 Resp: 83965
Ion Ratio Lower Upper
75 100
77 31.0 25.6 38.4
39 55.9 43.6 65.4





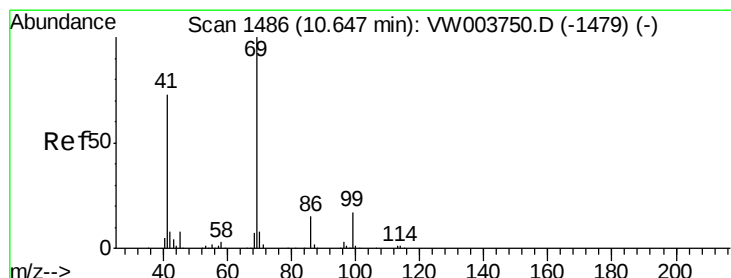
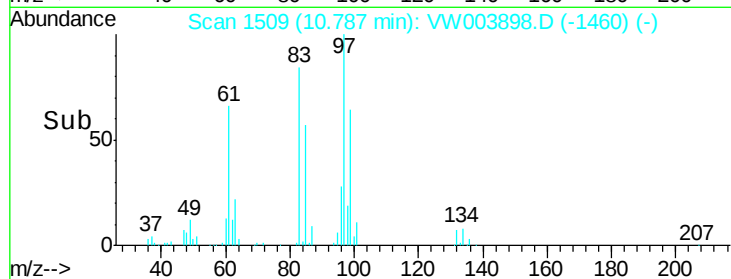
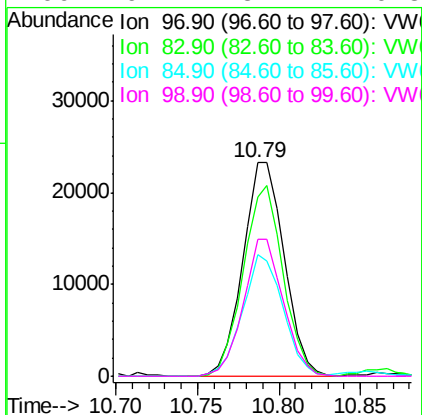
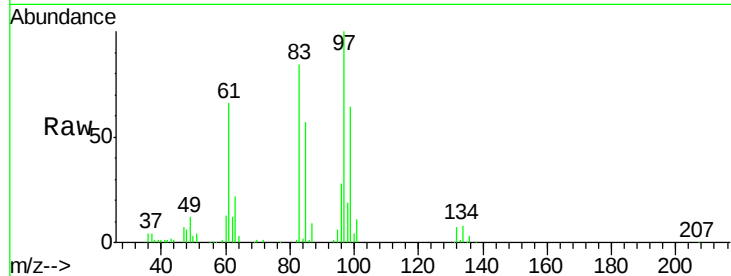
#55
 1,1,2-Trichloroethane
 Concen: 20.646 ug/l
 RT: 10.79 min Scan# 1509
 Delta R.T. -0.00 min
 Lab File: VW003898.D
 Acq: 12 Jul 2018 15:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0712SBSD01

Tot Ion	Ratio	Lower	Upper
97	100		
83	83.8	73.8	110.6
85	56.8	45.0	67.4
99	64.1	51.2	76.8

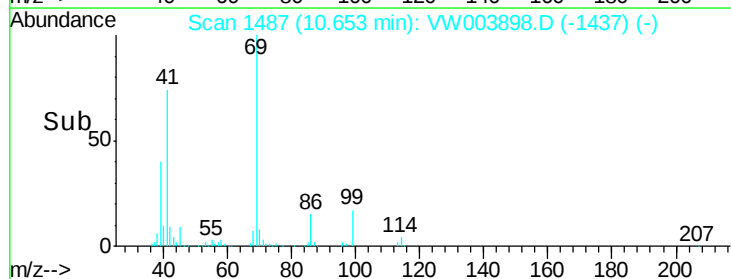
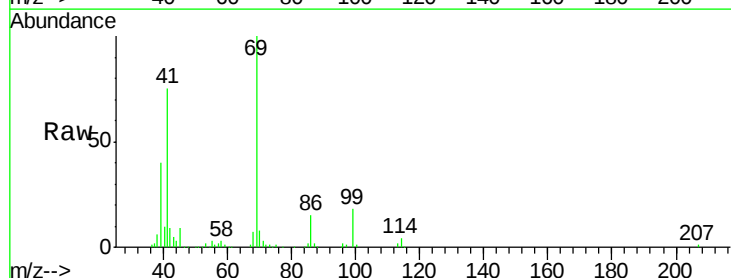
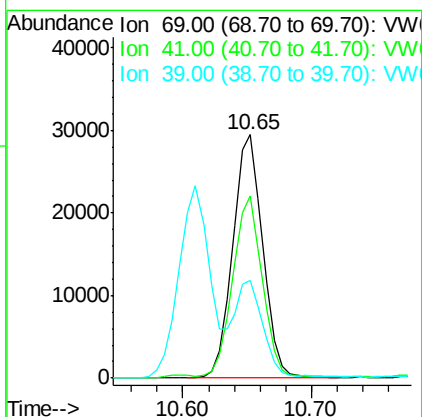
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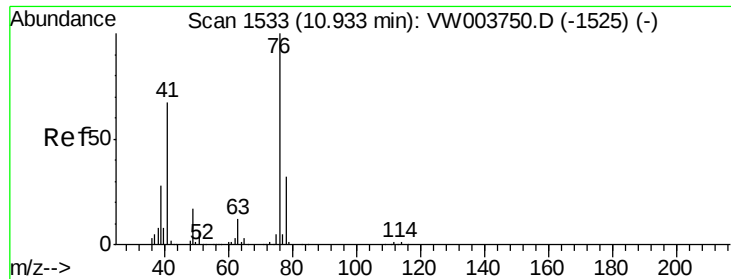
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#56
 Ethyl methacrylate
 Concen: 19.693 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.01 min
 Lab File: VW003898.D
 Acq: 12 Jul 2018 15:48

Tgt Ion	Ratio	Lower	Upper
69	100		
41	73.0	59.0	88.4
39	36.0	32.8	49.2





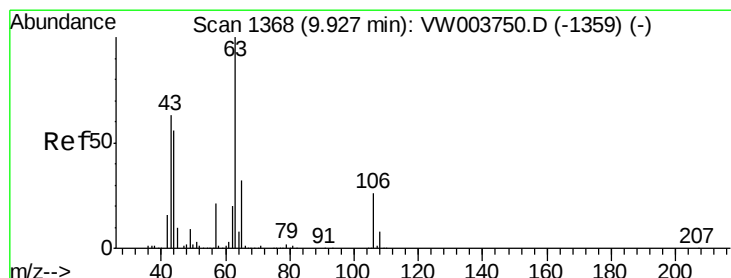
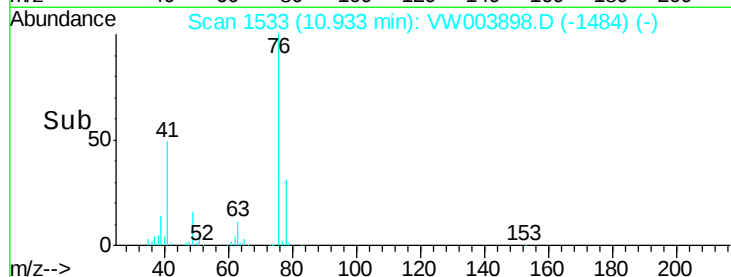
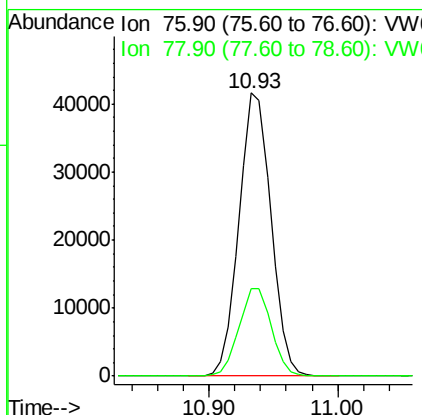
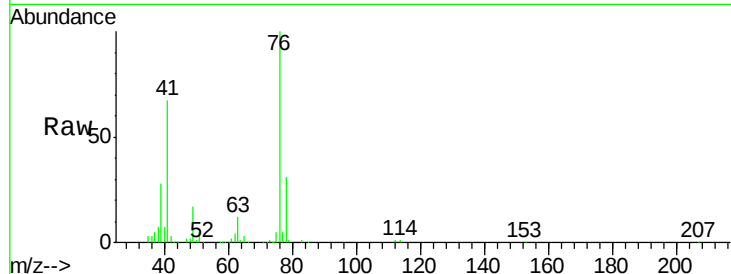
#57
 1,3-Dichloropropane
 Concen: 20.678 ug/l
 RT: 10.93 min Scan# 1533
 Delta R.T. -0.00 min
 Lab File: VW003898.D
 Acq: 12 Jul 2018 15:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0712SBSD01

Tot Ion: 76 Resp: 71628
 Ion Ratio Lower Upper
 76 100
 78 31.3 25.6 38.4

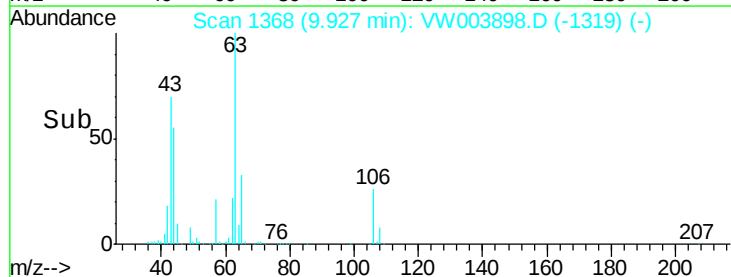
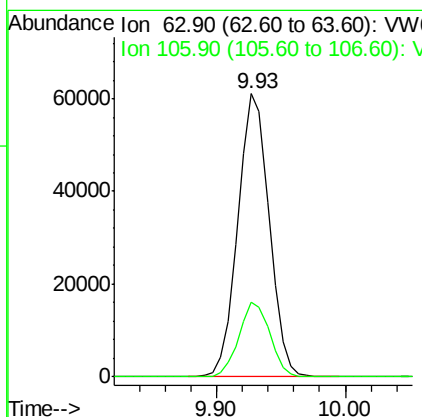
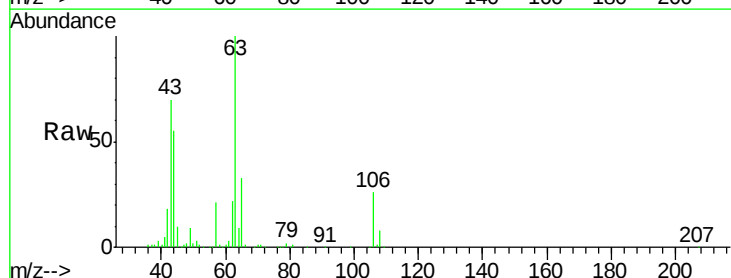
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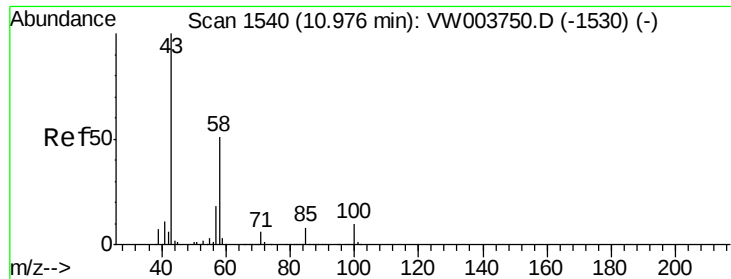
apatel
 7/13/2018 9:31:23 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 89.330 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: VW003898.D
 Acq: 12 Jul 2018 15:48

Tgt Ion: 63 Resp: 102663
 Ion Ratio Lower Upper
 63 100
 106 26.1 20.9 31.3





#59

2-Hexanone

Concen: 100.060 ug/l

RT: 10.98 min Scan# 1540

Delta R.T. -0.00 min

Lab File: VW003898.D

Acq: 12 Jul 2018 15:48

Instrument :

MSVOA_W

ClientSampleId :

VW0712SBSD01

Tot Ion: 43 Resp: 120041

Ion Ratio Lower Upper

43 100

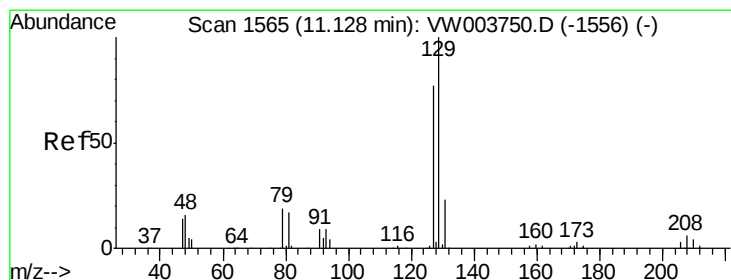
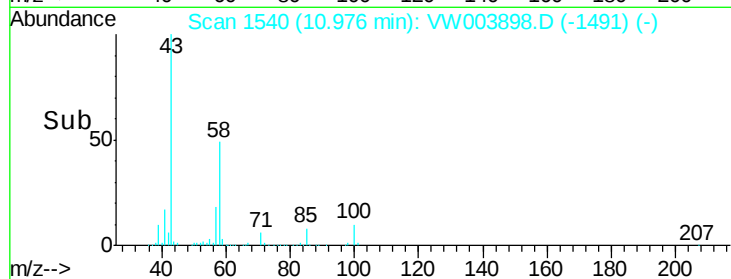
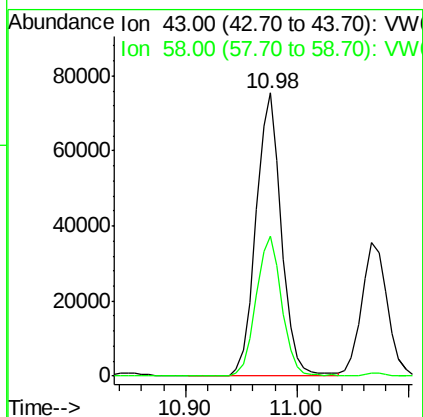
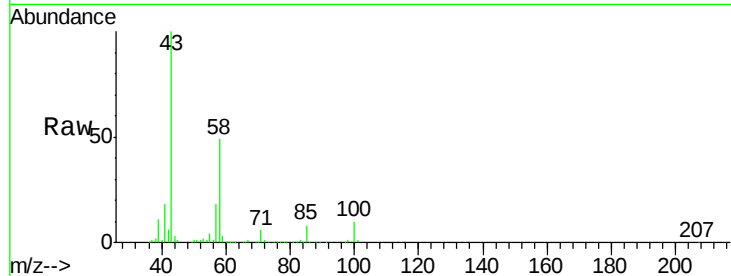
58 50.0 25.4 76.2

Manual Integrations

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apatel

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#60

Dibromochloromethane

Concen: 20.212 ug/l

RT: 11.13 min Scan# 1566

Delta R.T. 0.01 min

Lab File: VW003898.D

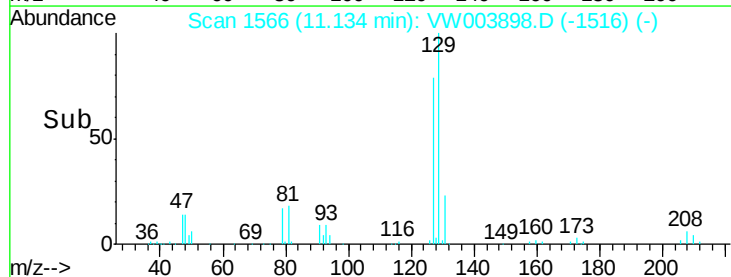
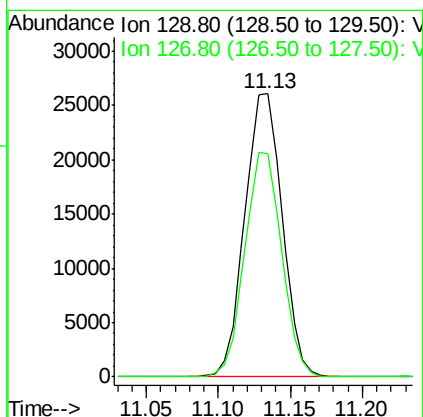
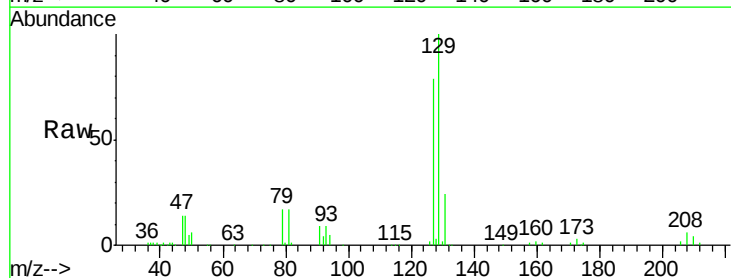
Acq: 12 Jul 2018 15:48

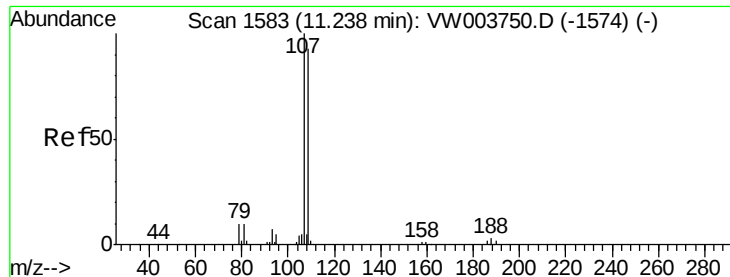
Tgt Ion: 129 Resp: 46890

Ion Ratio Lower Upper

129 100

127 78.2 38.9 116.6





#61

1,2-Dibromoethane

Concen: 20.310 ug/l

RT: 11.24 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VW003898.D

Acq: 12 Jul 2018 15:48

Instrument :

MSVOA_W

ClientSampleId :

VW0712SBSD01

Tot Ion:107 Resp: 38602

Ion Ratio Lower Upper

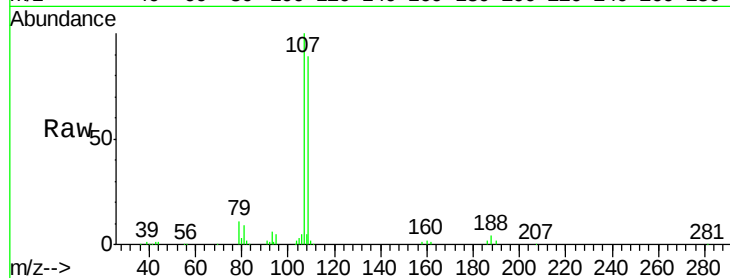
107 100

109 92.7 75.1 112.7

Manual Integrations
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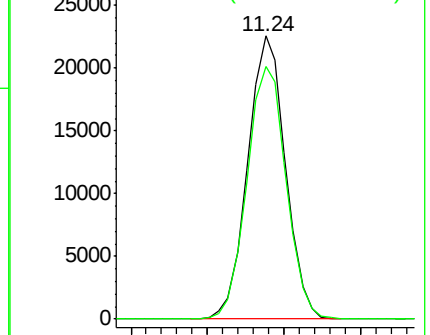
apatel

7/13/2018 9:31:23 AM

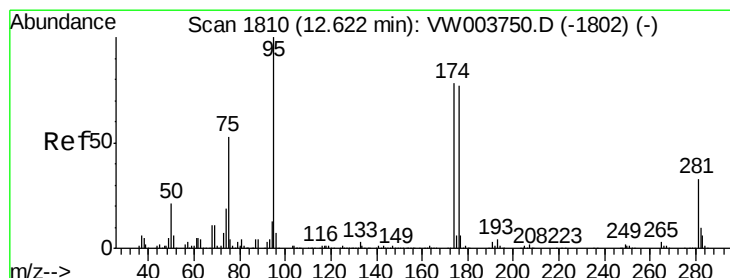
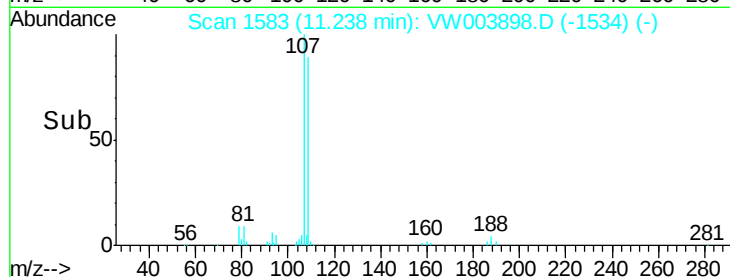


Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



Time-->



#62

4-Bromofluorobenzene

Concen: 0.532 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW003898.D

Acq: 12 Jul 2018 15:48

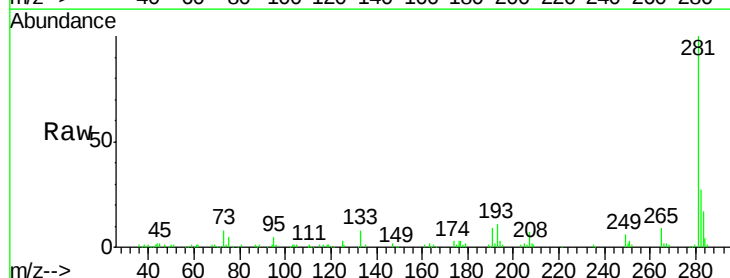
Tgt Ion: 95 Resp: 1777

Ion Ratio Lower Upper

95 100

174 81.7 0.0 163.4

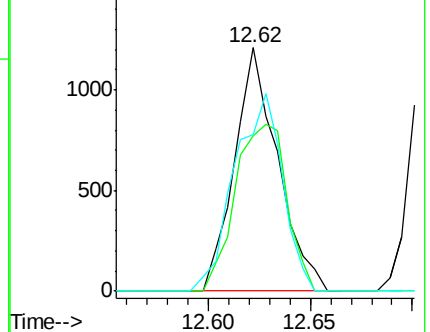
176 90.2 0.0 156.8



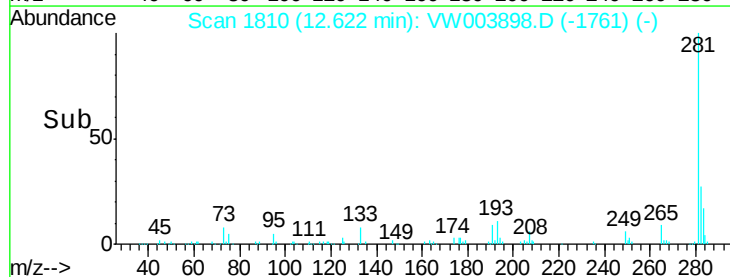
Abundance Ion 94.90 (94.60 to 95.60): VW

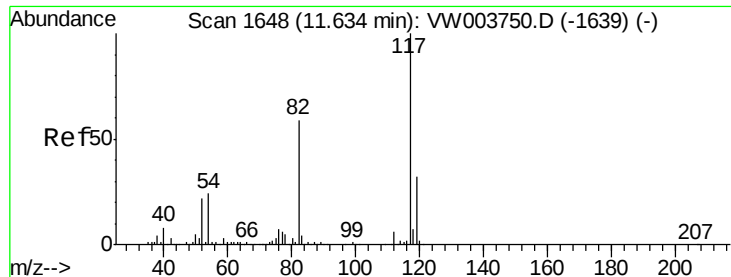
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->





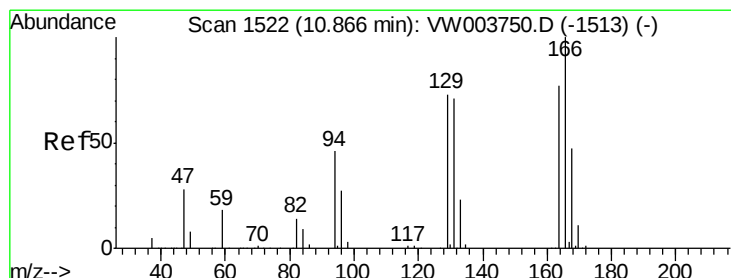
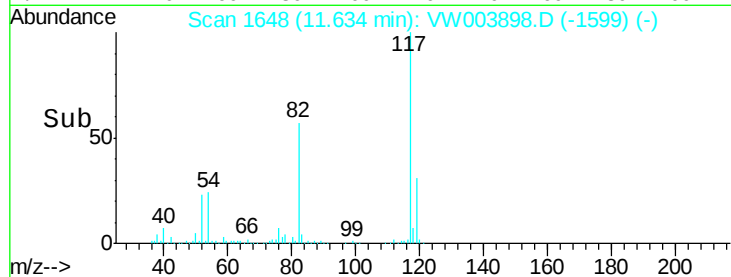
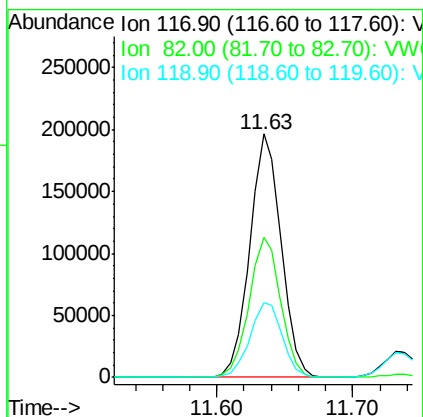
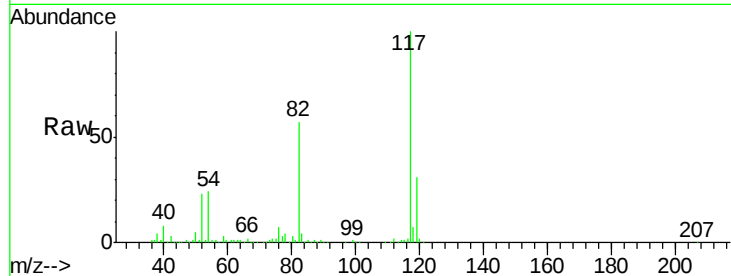
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW003898.D
Acq: 12 Jul 2018 15:48

Instrument :
MSVOA_W
ClientSampleId :
VW0712SBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.4	46.9	70.3
119	30.9	25.5	38.3

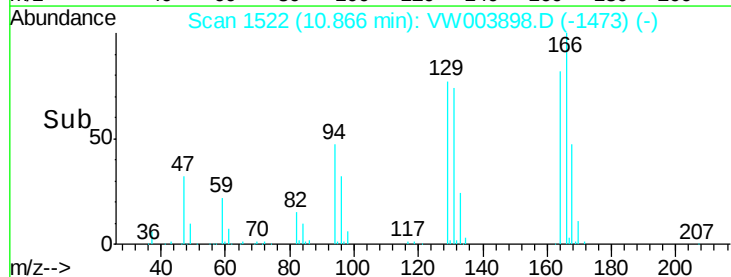
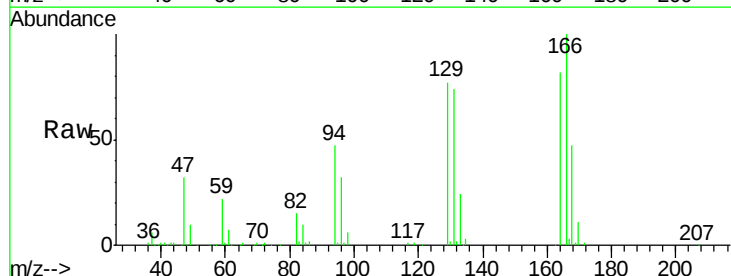
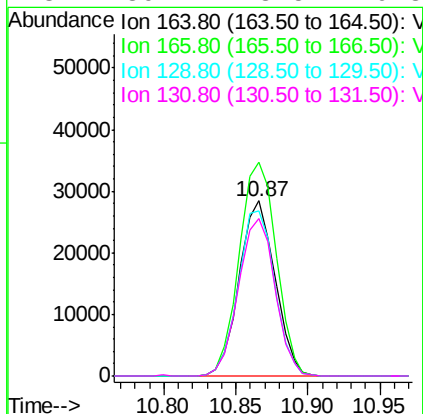
Manual Integrations
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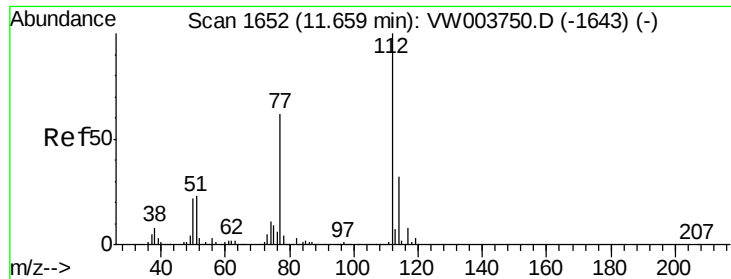
apatel
7/13/2018 9:31:23 AM



#64
Tetrachloroethene
Concen: 20.896 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW003898.D
Acq: 12 Jul 2018 15:48

Tgt Ion	Ratio	Lower	Upper
164	100		
166	121.8	104.2	156.4
129	94.2	75.8	113.8
131	89.7	73.5	110.3





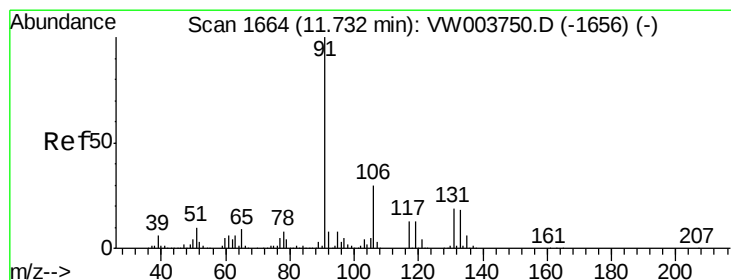
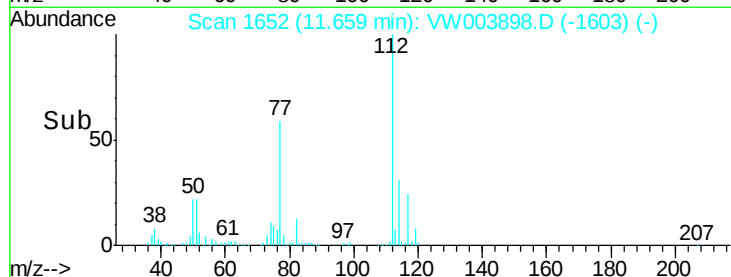
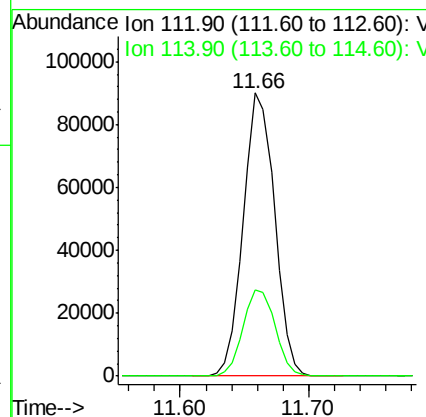
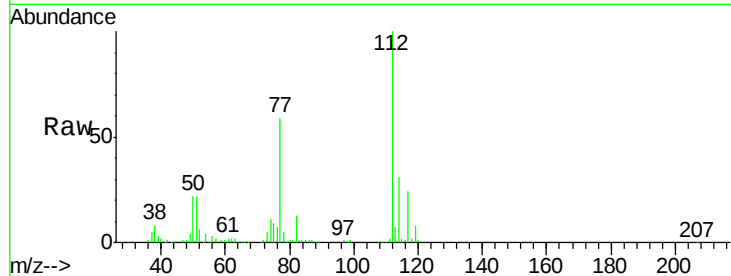
#65
Chlorobenzene
Concen: 21.665 ug/l
RT: 11.66 min Scan# 1652
Delta R.T. -0.00 min
Lab File: VW003898.D
Acq: 12 Jul 2018 15:48

Instrument :
MSVOA_W
ClientSampleId :
VW0712SBSD01

Tot Ion:112 Resp: 151427
Ion Ratio Lower Upper
112 100
114 30.6 26.0 39.0

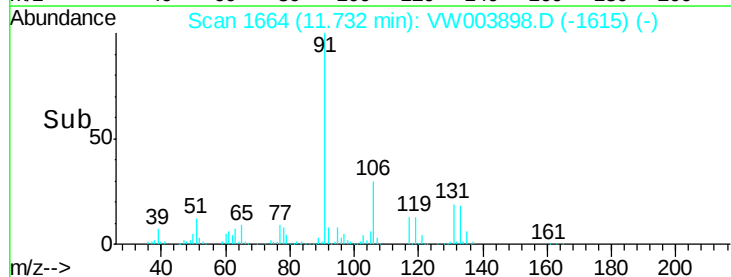
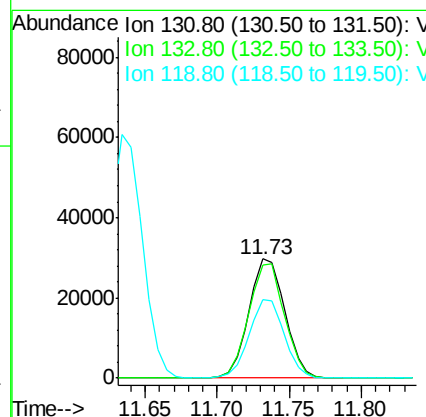
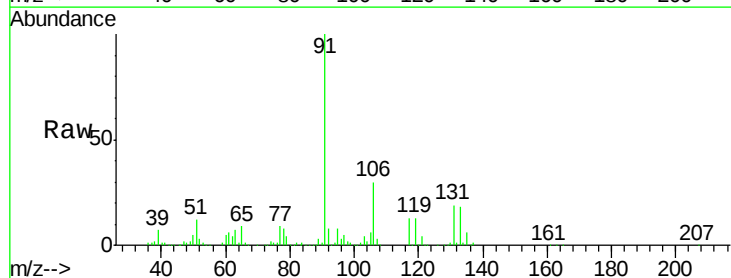
Manual Integrations
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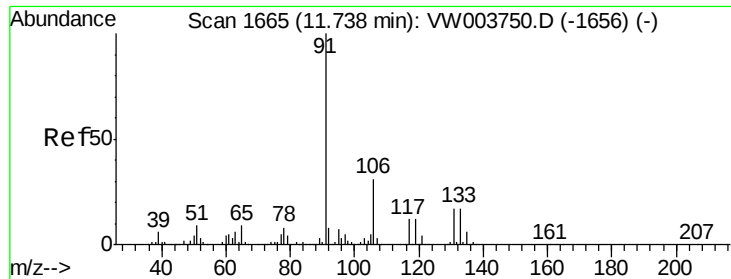
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.953 ug/l
RT: 11.73 min Scan# 1664
Delta R.T. -0.00 min
Lab File: VW003898.D
Acq: 12 Jul 2018 15:48

Tgt Ion:131 Resp: 51176
Ion Ratio Lower Upper
131 100
133 96.0 48.0 144.2
119 64.8 33.2 99.6





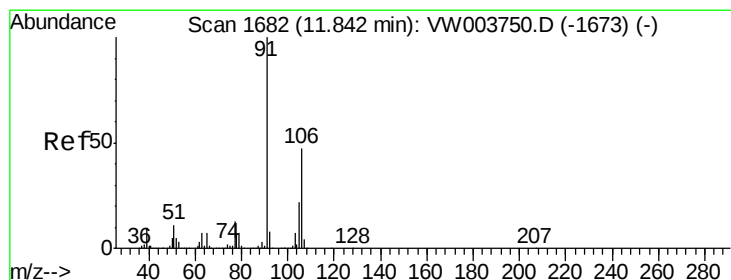
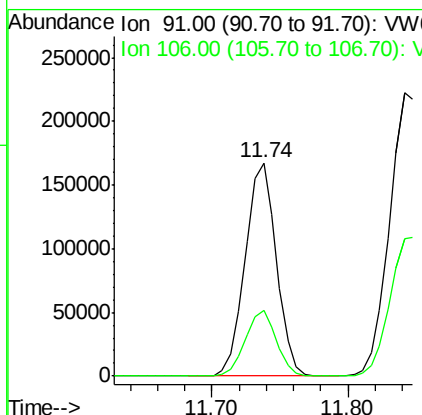
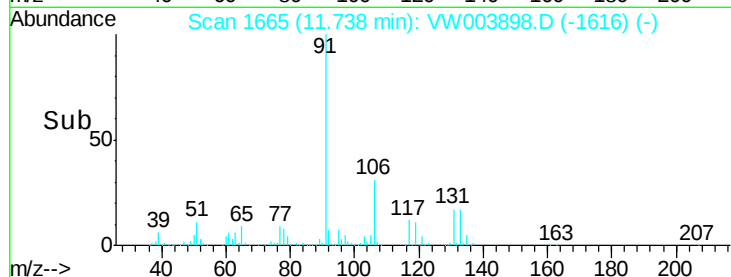
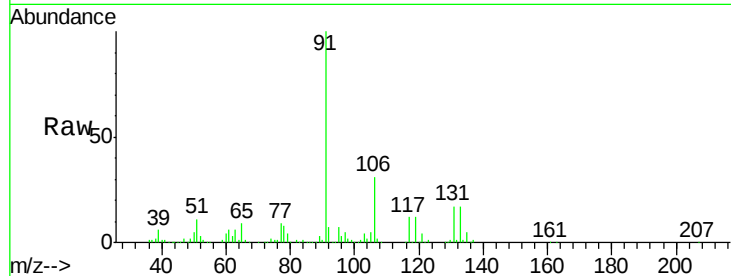
#67
Ethyl Benzene
Concen: 22.472 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW003898.D
Acq: 12 Jul 2018 15:48

Instrument :
MSVOA_W
ClientSampleId :
VW0712SBSD01

Tot Ion: 91 Resp: 268572
Ion Ratio Lower Upper
91 100
106 30.7 24.6 37.0

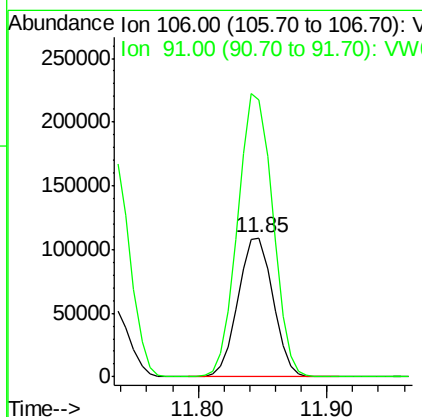
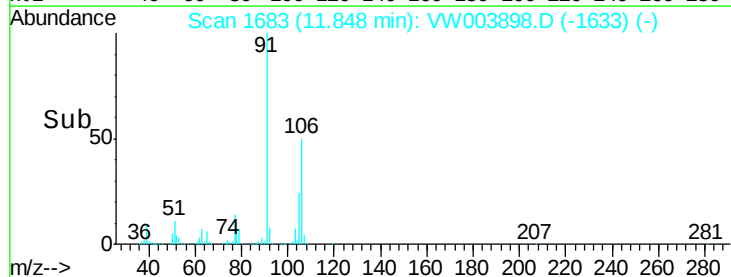
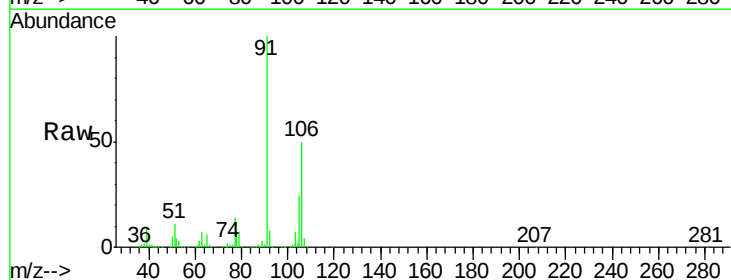
Manual Integrations
APPROVED

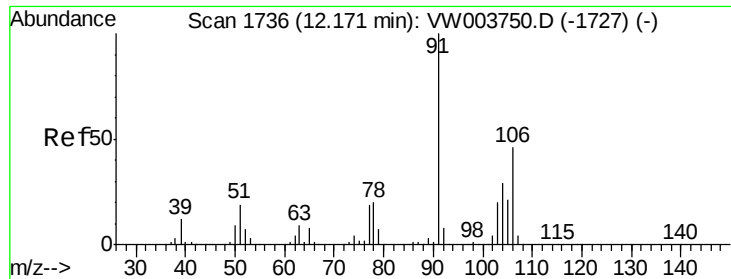
apatel
7/13/2018 9:31:23 AM



#68
m/p-Xylenes
Concen: 44.985 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.01 min
Lab File: VW003898.D
Acq: 12 Jul 2018 15:48

Tgt Ion: 106 Resp: 205877
Ion Ratio Lower Upper
106 100
91 204.2 164.3 246.5





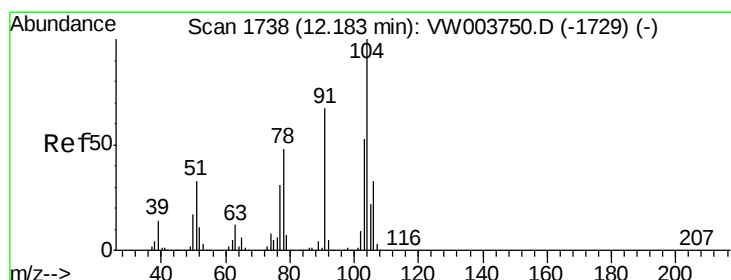
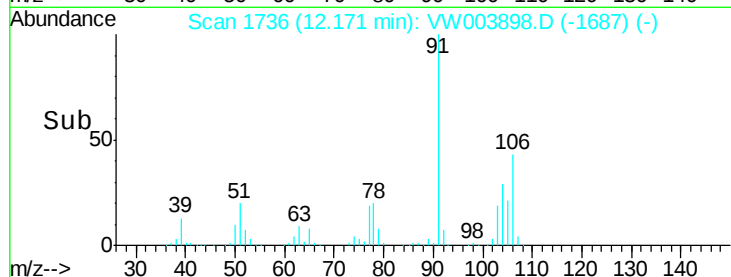
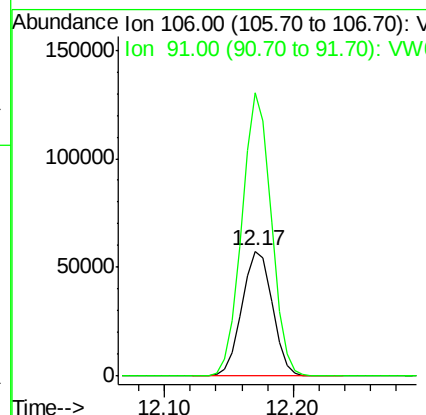
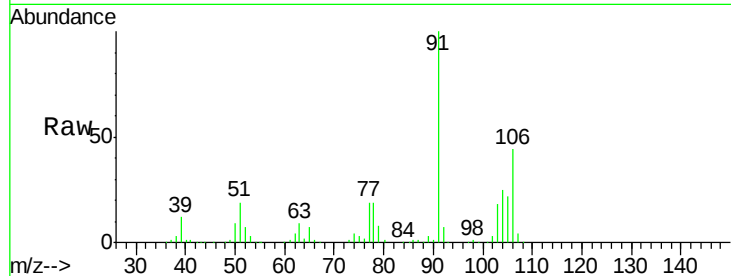
#69
o-Xylene
Concen: 22.251 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW003898.D
Acq: 12 Jul 2018 15:48

Instrument :
MSVOA_W
ClientSampleId :
VW0712SBS01

Tot Ion:106 Resp: 93965
Ion Ratio Lower Upper
106 100
91 218.3 109.1 327.2

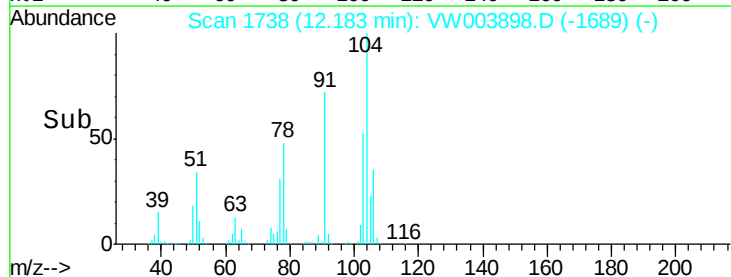
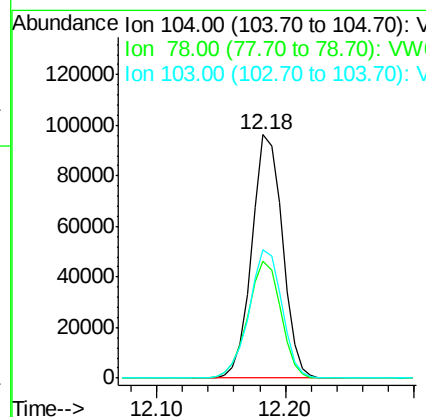
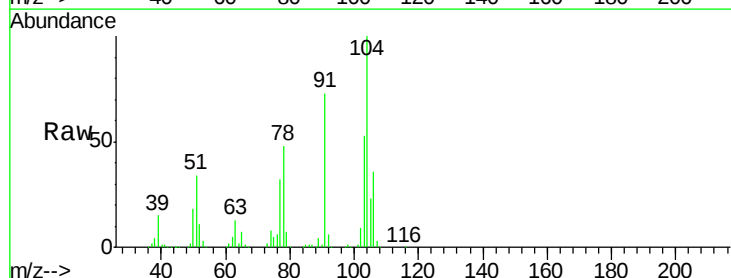
Manual Integrations
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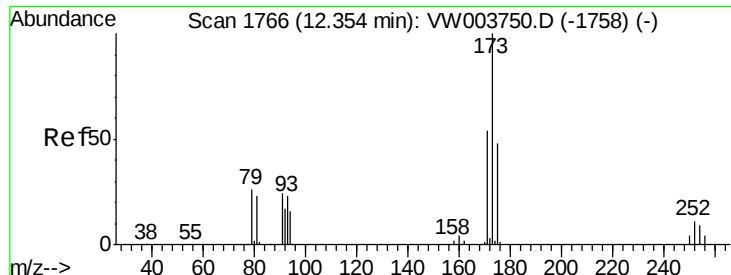
apatel
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#70
Styrene
Concen: 21.924 ug/l
RT: 12.18 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VW003898.D
Acq: 12 Jul 2018 15:48

Tgt Ion:104 Resp: 157440
Ion Ratio Lower Upper
104 100
78 52.0 41.1 61.7
103 56.7 44.6 67.0





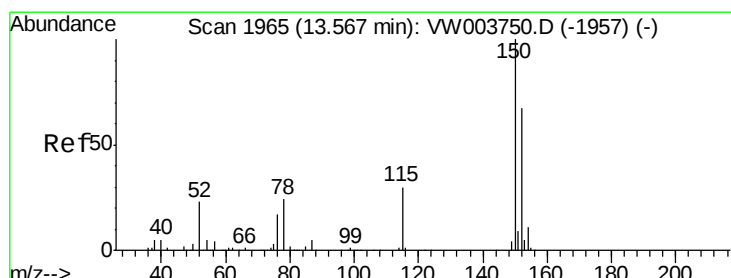
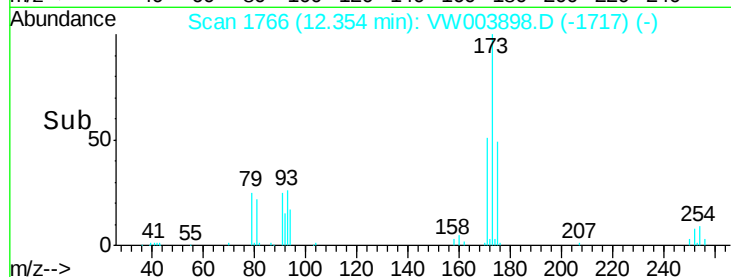
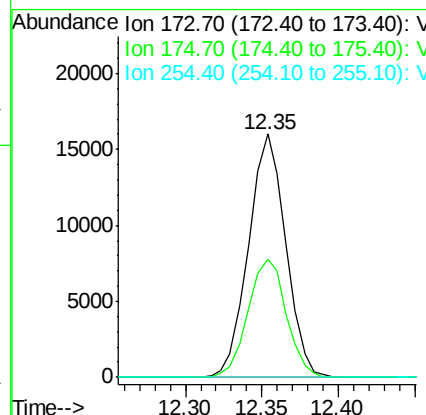
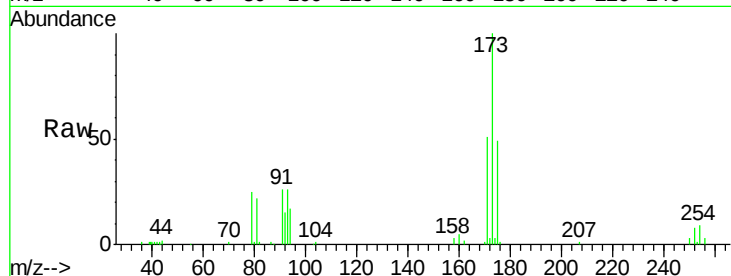
#71
Bromoform
Concen: 20.042 ug/l
RT: 12.35 min Scan# 1766
Delta R.T. -0.00 min
Lab File: VW003898.D
Acq: 12 Jul 2018 15:48

Instrument :
MSVOA_W
ClientSampleId :
VW0712SBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	50.2	24.1	72.4
254	0.0	0.0	0.0

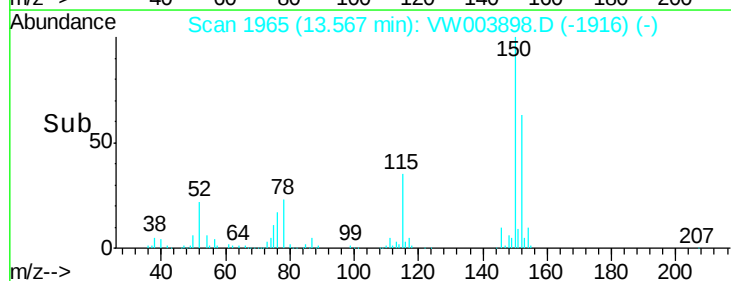
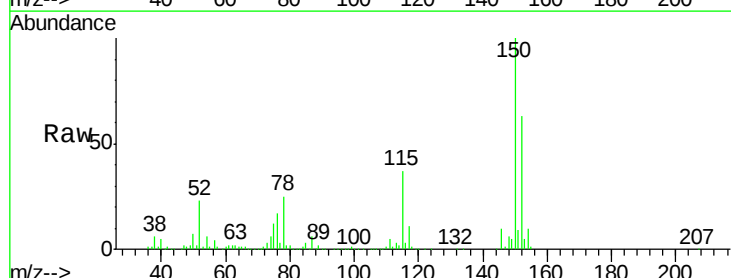
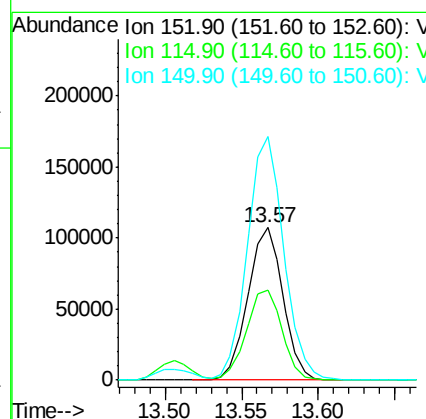
Manual Integrations
APPROVED

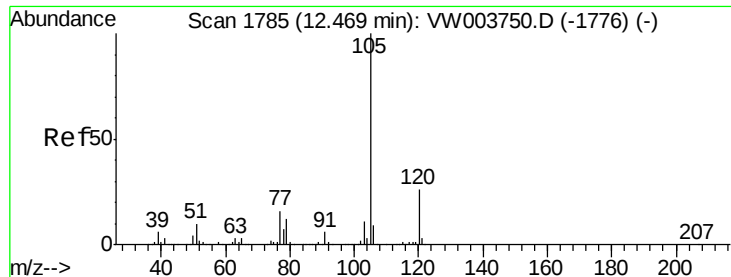
apatel
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW003898.D
Acq: 12 Jul 2018 15:48

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.0	28.9	86.8
150	165.5	0.0	342.4





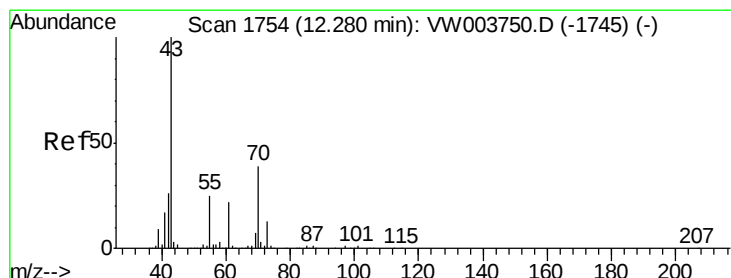
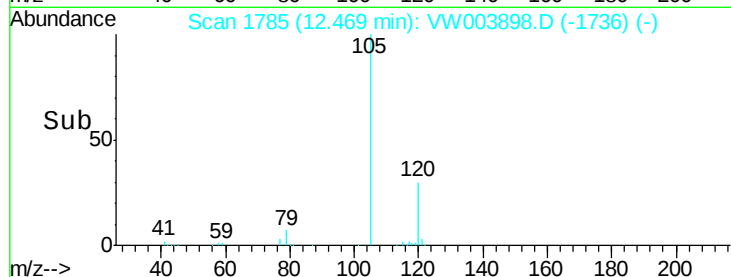
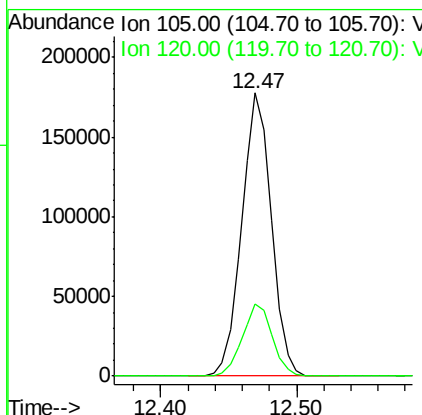
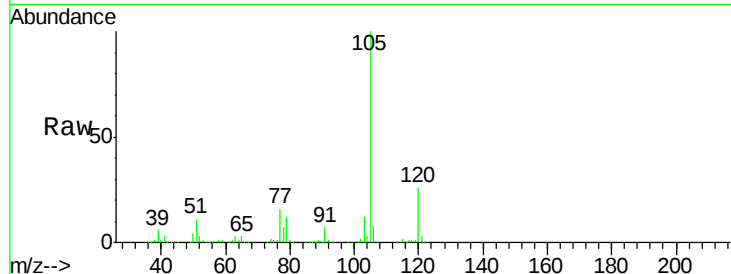
#73
Isopropylbenzene
Concen: 23.307 ug/l
RT: 12.47 min Scan# 1785
Delta R.T. -0.00 min
Lab File: VW003898.D
Acq: 12 Jul 2018 15:48

Instrument :
MSVOA_W
ClientSampleId :
VW0712SBSD01

Tot Ion	Ratio	Lower	Upper
105	100		
120	25.8	13.1	39.3

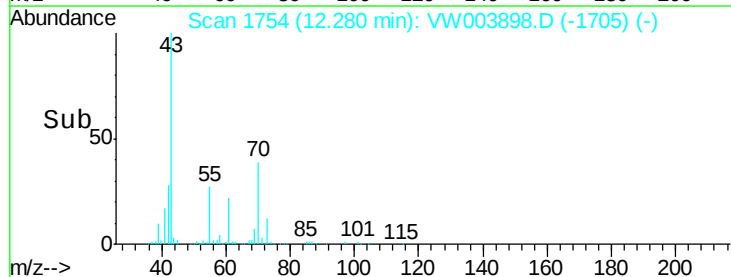
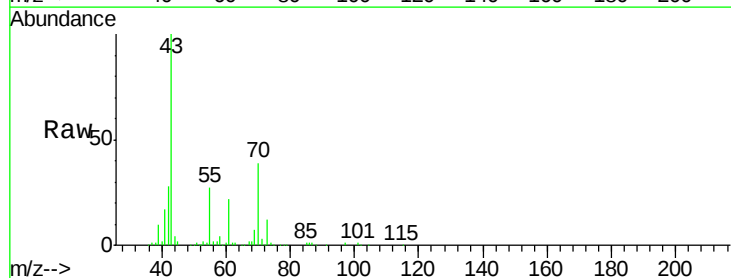
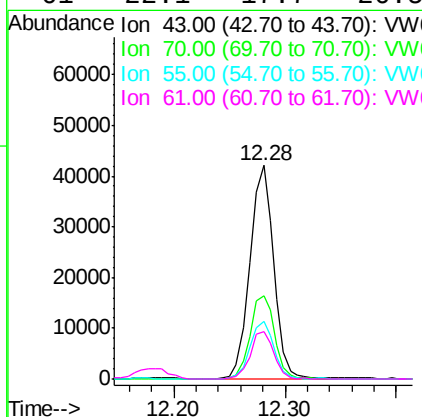
Manual Integrations
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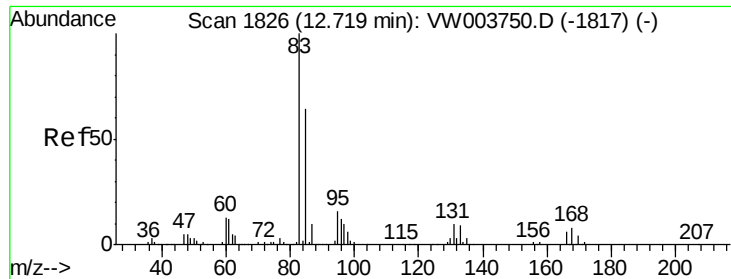
apatel
7/13/2018 9:31:23 AM



#74
N-ethyl acetate
Concen: 20.017 ug/l
RT: 12.28 min Scan# 1754
Delta R.T. -0.00 min
Lab File: VW003898.D
Acq: 12 Jul 2018 15:48

Tgt Ion	Ratio	Lower	Upper
43	100		
70	40.0	31.3	46.9
55	27.1	20.1	30.1
61	22.1	17.7	26.5





#75

1,1,2,2-Tetrachloroethane

Concen: 20.429 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VW003898.D

Acq: 12 Jul 2018 15:48

Instrument :

MSVOA_W

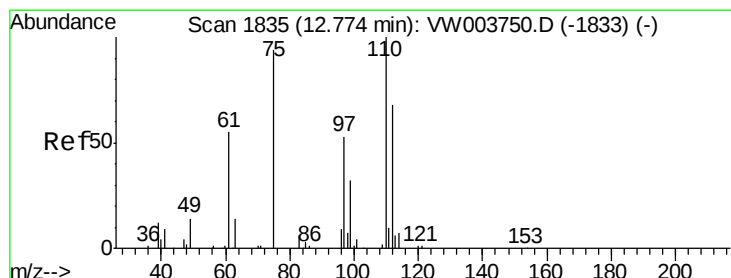
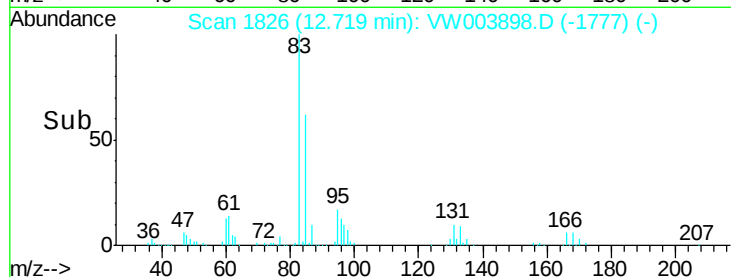
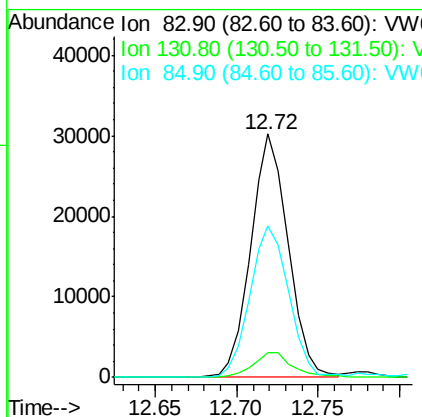
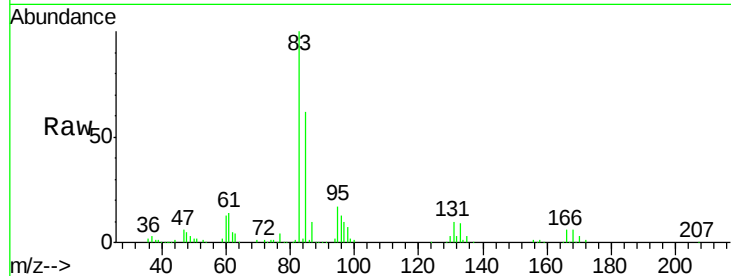
ClientSampleId :

VW0712SBSD01

Tot Ion:	83	Resp:	47945
Ion Ratio	Lower	Upper	
83	100		
131	10.8	5.1	15.4
85	64.8	32.1	96.3

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#76

1,2,3-Trichloropropane

Concen: 23.390 ug/l m

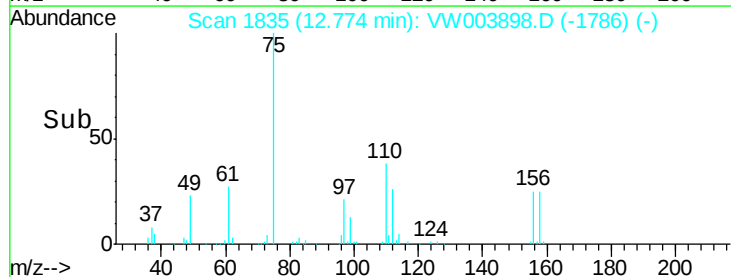
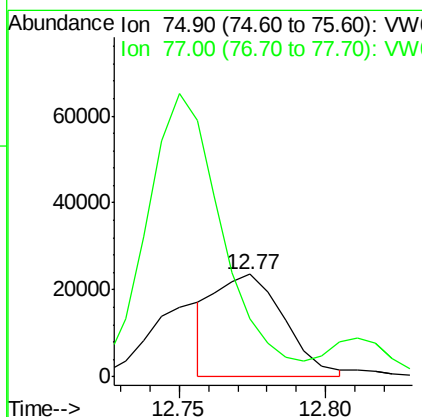
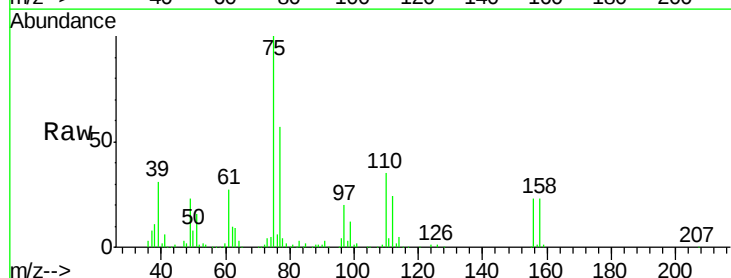
RT: 12.77 min Scan# 1835

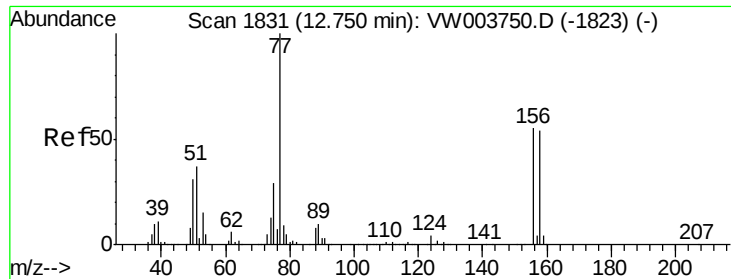
Delta R.T. -0.00 min

Lab File: VW003898.D

Acq: 12 Jul 2018 15:48

Tgt Ion:	75	Resp:	39264
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 21.472 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VW003898.D

Acq: 12 Jul 2018 15:48

Instrument :

MSVOA_W

ClientSampleId :

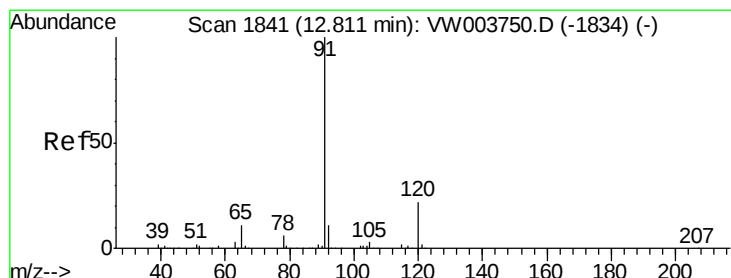
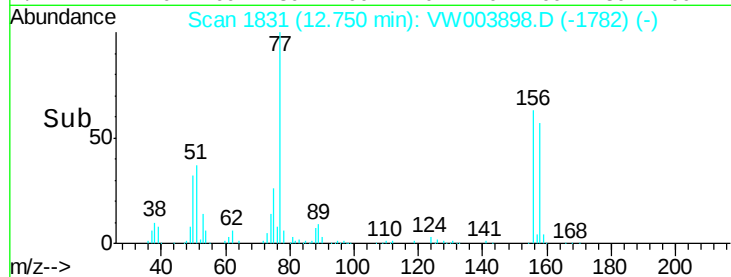
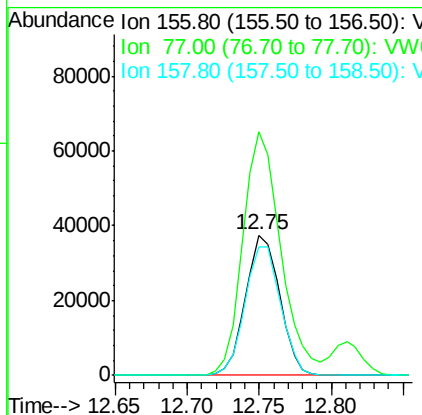
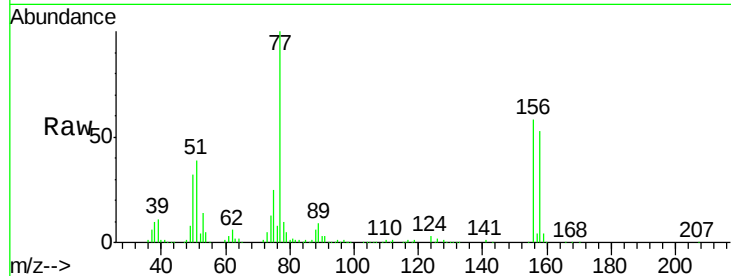
VW0712SBSD01

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	192.4	98.7	296.0	
158	95.4	49.0	147.0	

Manual Integrations
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#78

n-propylbenzene

Concen: 23.265 ug/l

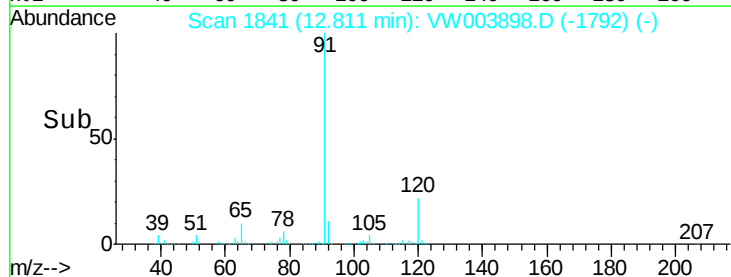
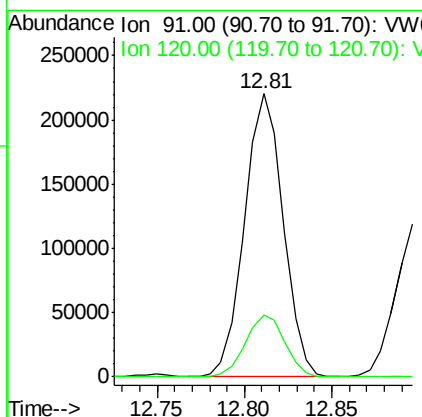
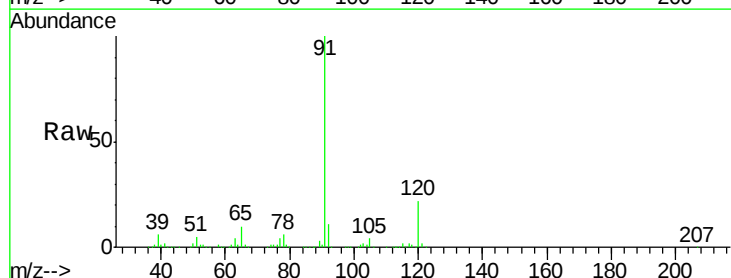
RT: 12.81 min Scan# 1841

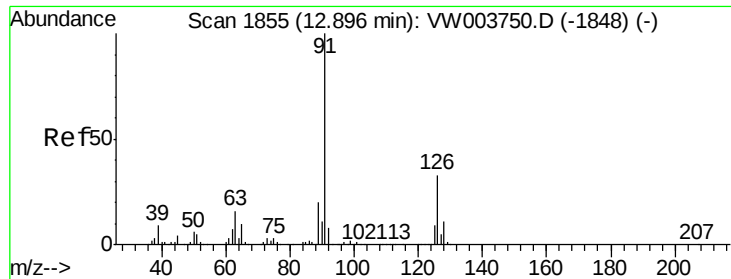
Delta R.T. -0.00 min

Lab File: VW003898.D

Acq: 12 Jul 2018 15:48

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	22.4	11.2	33.6	





#79

2-Chlorotoluene

Concen: 22.412 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW003898.D

Acq: 12 Jul 2018 15:48

Instrument :

MSVOA_W

ClientSampled :

VW0712SBSD01

Tot Ion: 91 Resp: 187120

Ion Ratio Lower Upper

91 100

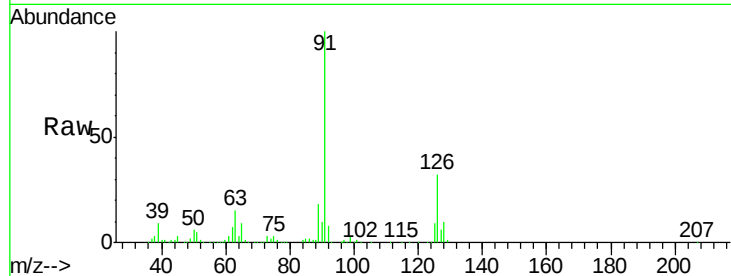
126 33.4 17.0 51.0

Manual Integrations

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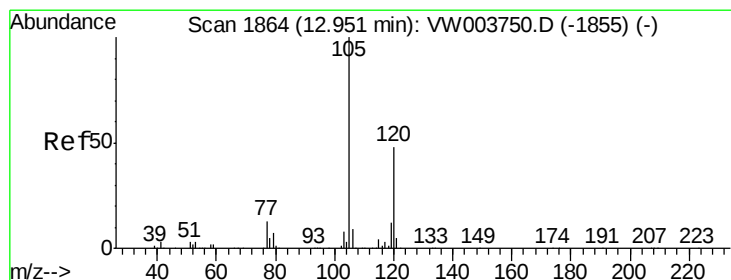
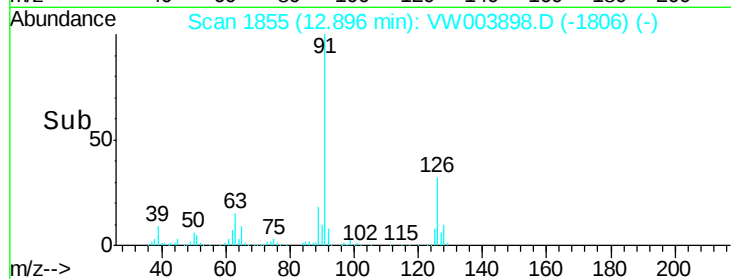
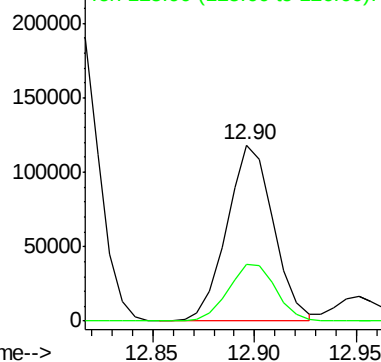
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 23.103 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VW003898.D

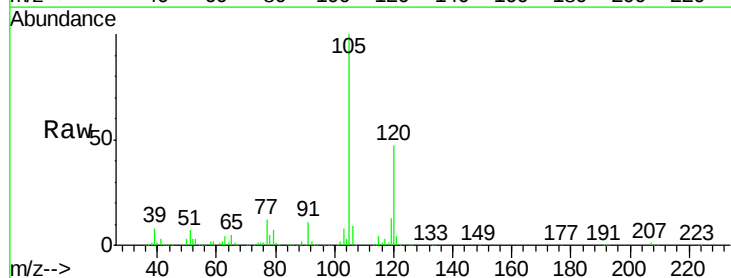
Acq: 12 Jul 2018 15:48

Tgt Ion:105 Resp: 230521

Ion Ratio Lower Upper

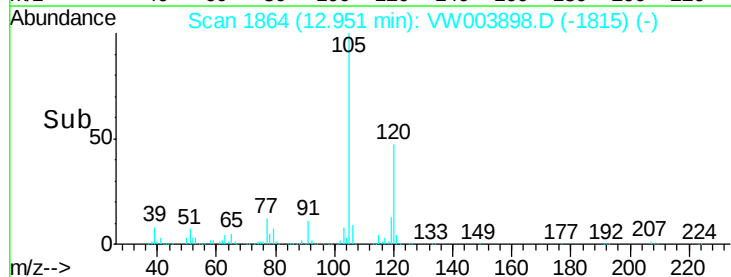
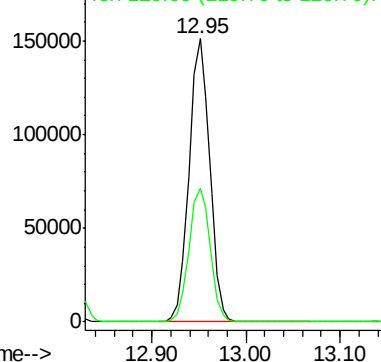
105 100

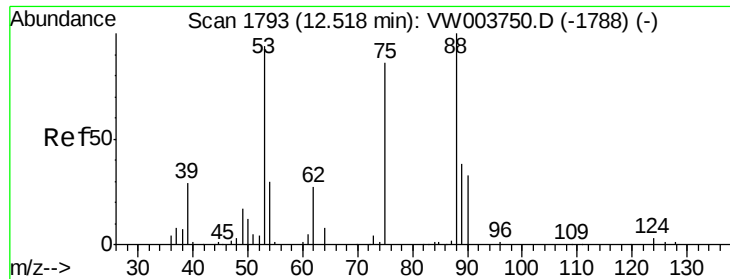
120 48.4 24.2 72.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





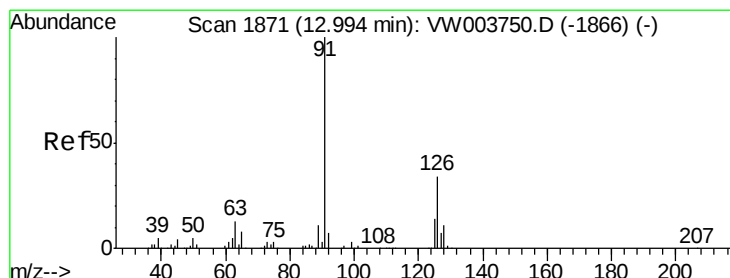
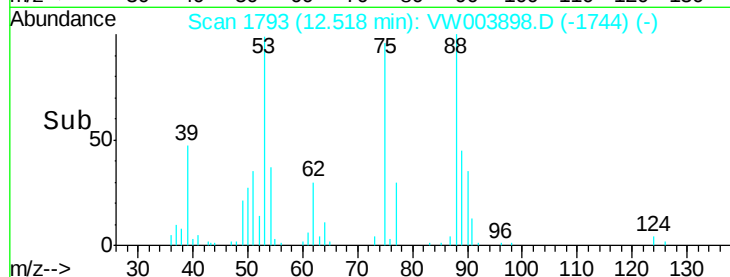
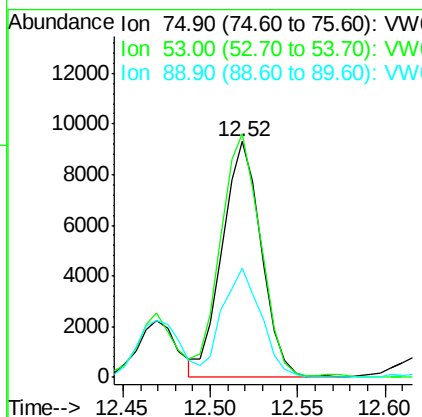
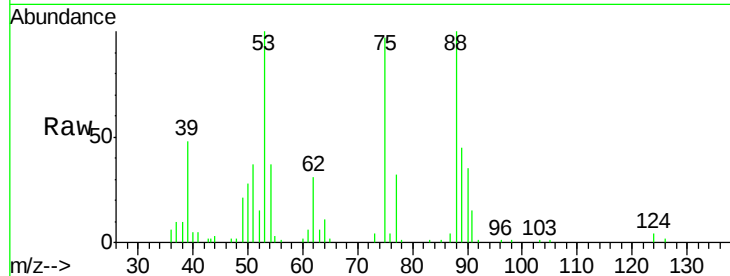
#81
trans-1,4-Dichloro-2-butene
Concen: 21.113 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VW003898.D
Acq: 12 Jul 2018 15:48

Instrument :
MSVOA_W
ClientSampleId :
VW0712SBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	104.5	85.0	127.6
89	45.8	36.3	54.5

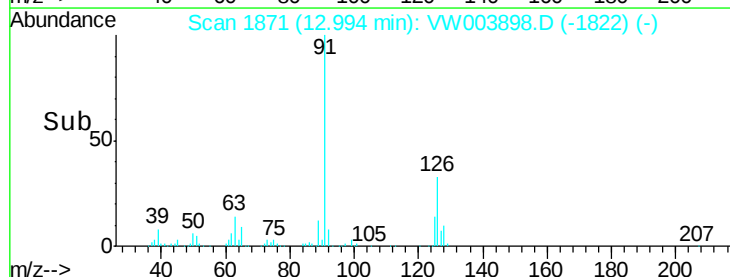
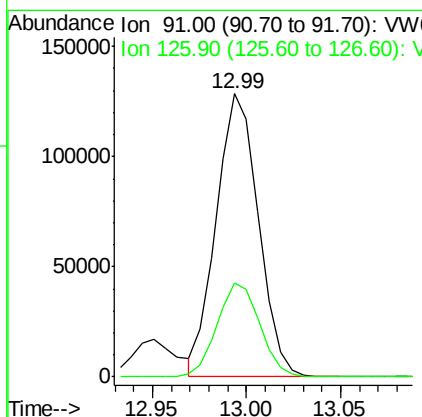
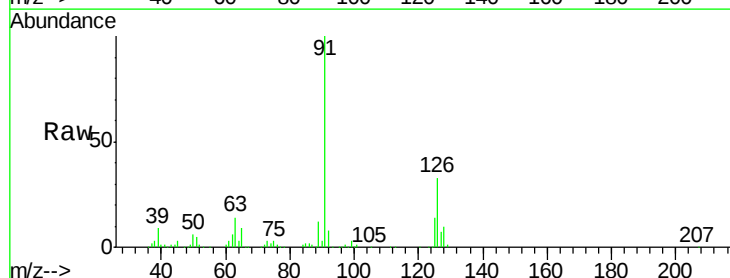
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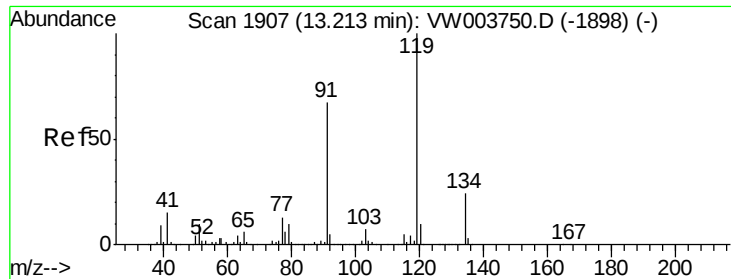
apatel
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#82
4-Chlorotoluene
Concen: 22.124 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. -0.00 min
Lab File: VW003898.D
Acq: 12 Jul 2018 15:48

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.8	16.5	49.5





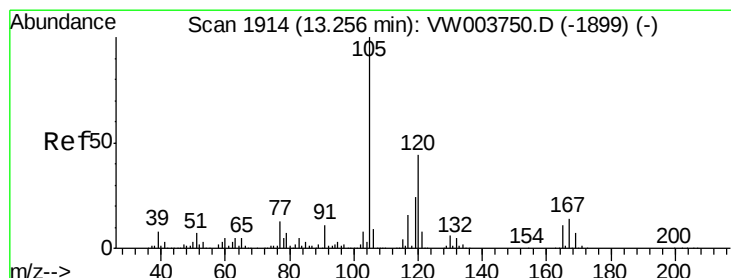
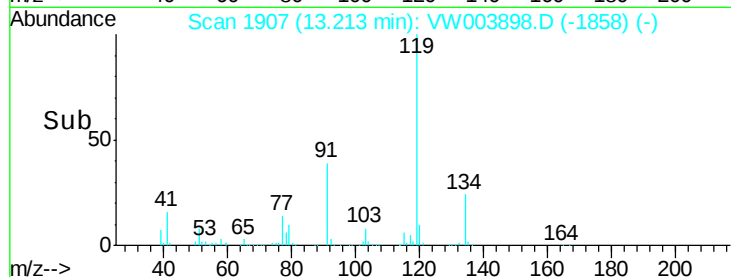
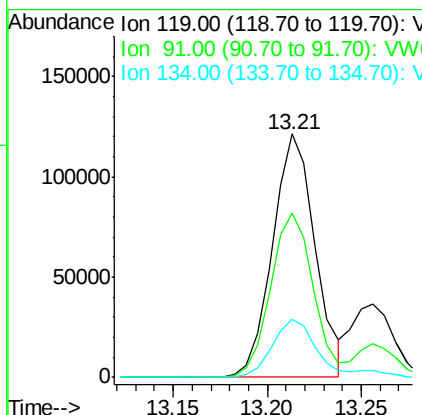
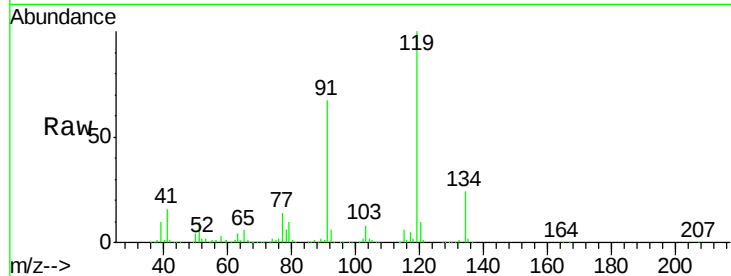
#83
tert-Butylbenzene
Concen: 23.078 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. -0.00 min
Lab File: VW003898.D
Acq: 12 Jul 2018 15:48

Instrument :
MSVOA_W
ClientSampleId :
VW0712SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	189902		
91	67.2		33.0	98.9
134	24.4		12.8	38.4

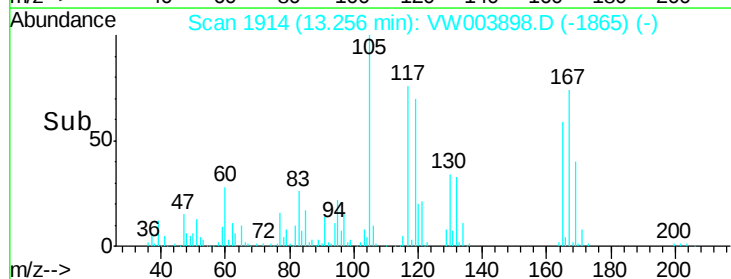
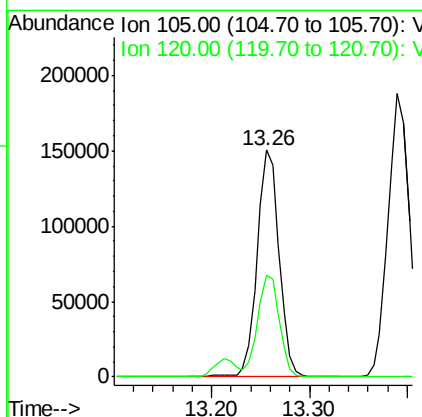
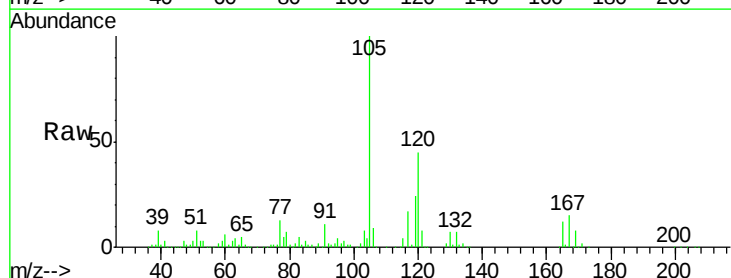
Manual Integrations
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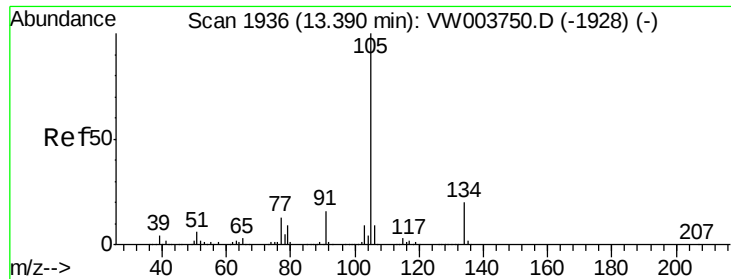
apatel
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#84
1,2,4-Trimethylbenzene
Concen: 22.683 ug/l
RT: 13.26 min Scan# 1914
Delta R.T. -0.00 min
Lab File: VW003898.D
Acq: 12 Jul 2018 15:48

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	235116		
120	44.4		22.0	66.0





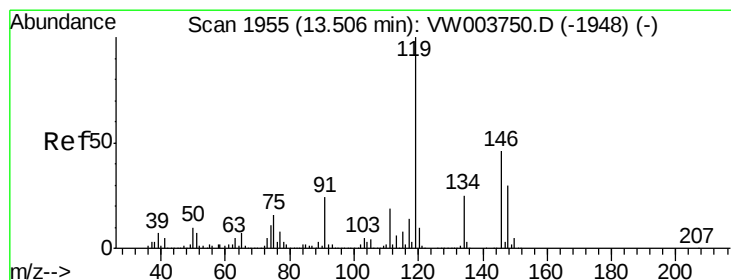
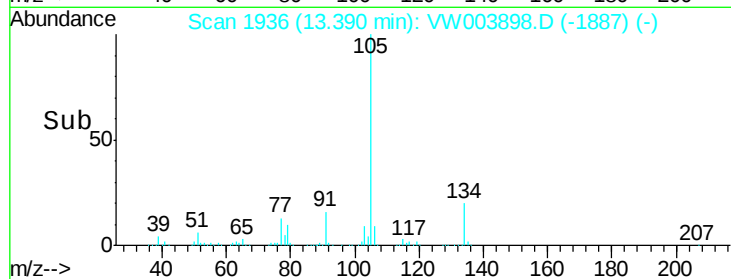
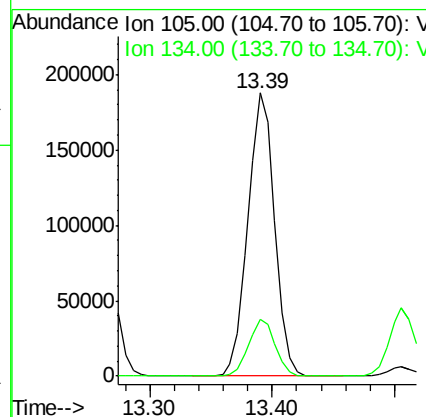
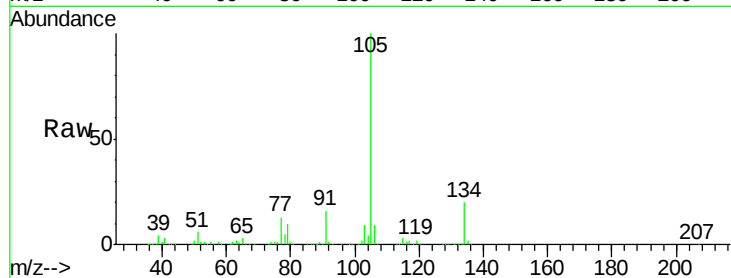
#85
 sec-Butylbenzene
 Concen: 23.104 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VW003898.D
 Acq: 12 Jul 2018 15:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0712SBSD01

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.0	9.8	29.4

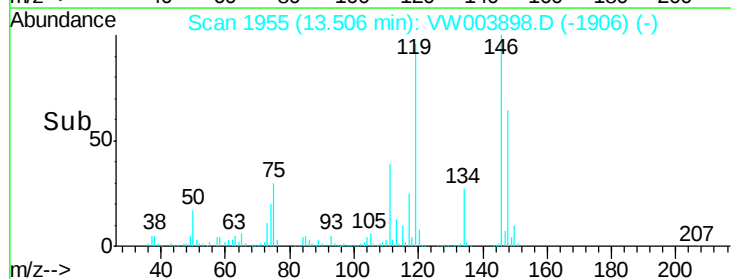
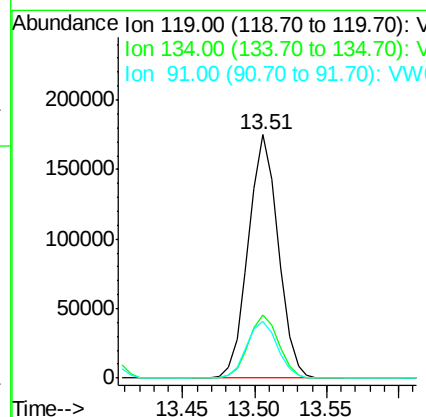
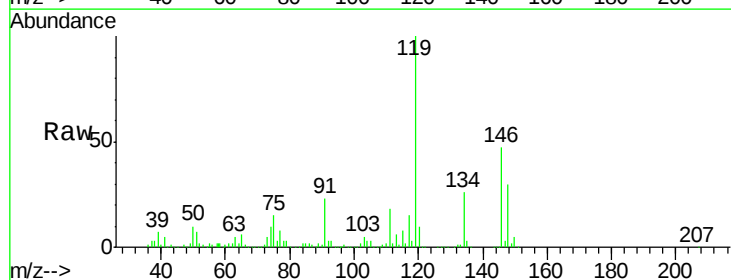
Manual Integrations
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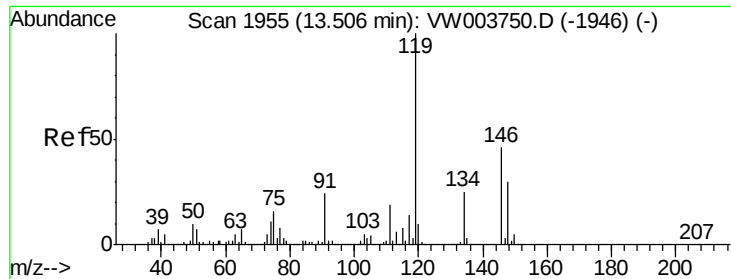
apatel
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#86
 p-Isopropyltoluene
 Concen: 23.307 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW003898.D
 Acq: 12 Jul 2018 15:48

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.3	13.1	39.1
91	24.1	11.9	35.9





#87

1,3-Dichlorobenzene

Concen: 22.062 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW003898.D

Acq: 12 Jul 2018 15:48

Instrument :

MSVOA_W

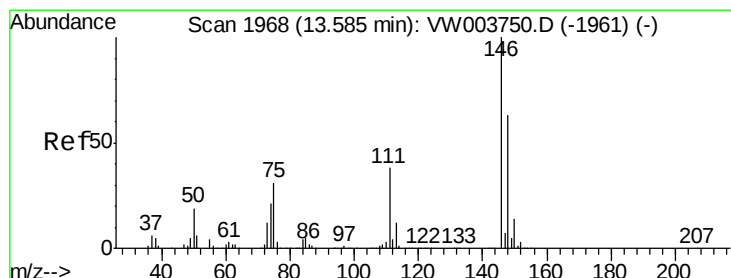
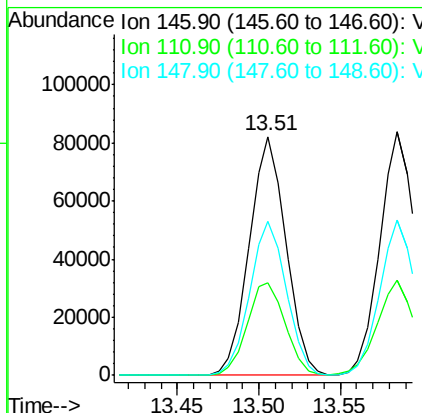
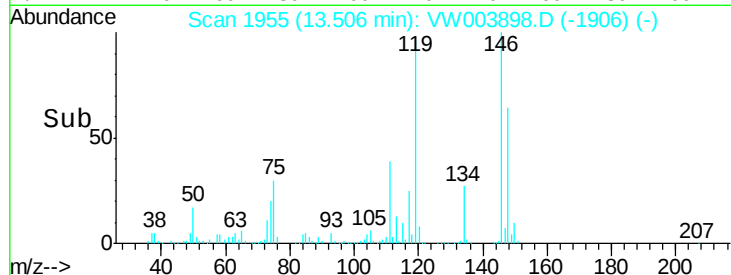
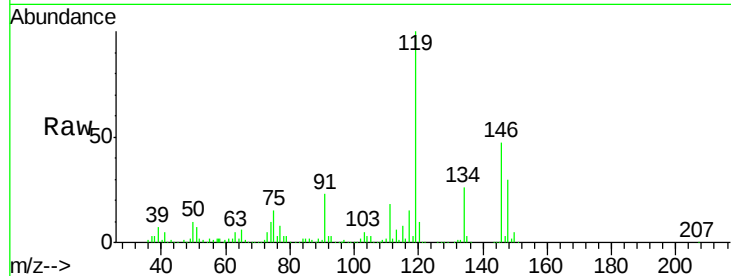
ClientSampleId :

VW0712SBSD01

Tot Ion:	146	Resp:	128464
Ion Ratio	Lower	Upper	
146	100		
111	40.3	20.2	60.5
148	64.4	31.9	95.7

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 21.952 ug/l

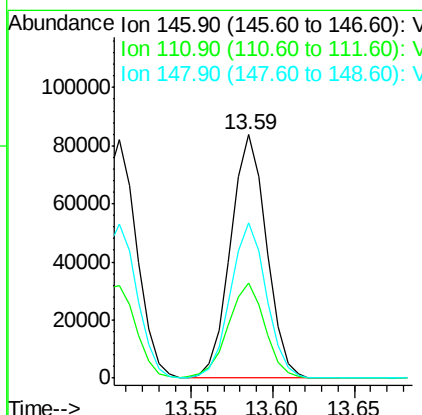
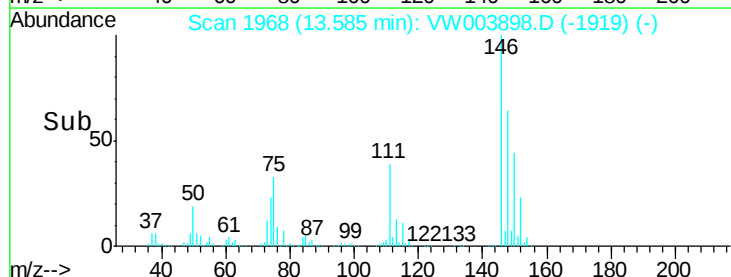
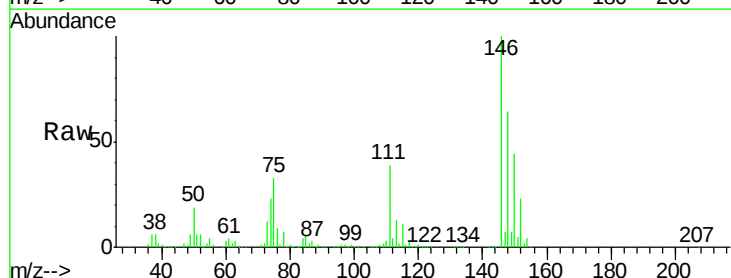
RT: 13.59 min Scan# 1968

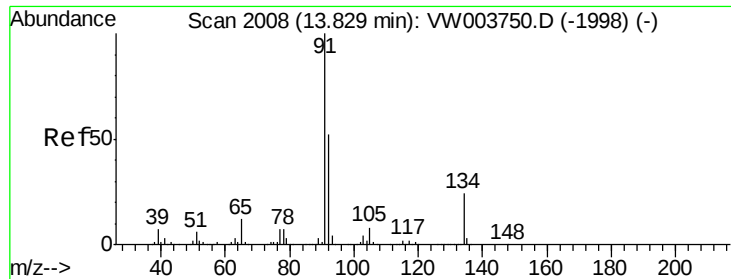
Delta R.T. -0.00 min

Lab File: VW003898.D

Acq: 12 Jul 2018 15:48

Tgt Ion:	146	Resp:	128538
Ion Ratio	Lower	Upper	
146	100		
111	40.2	19.4	58.4
148	63.7	31.9	95.7





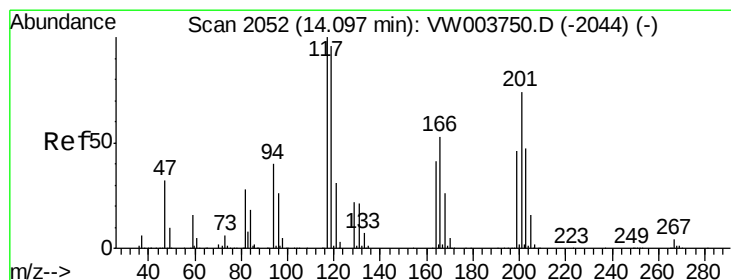
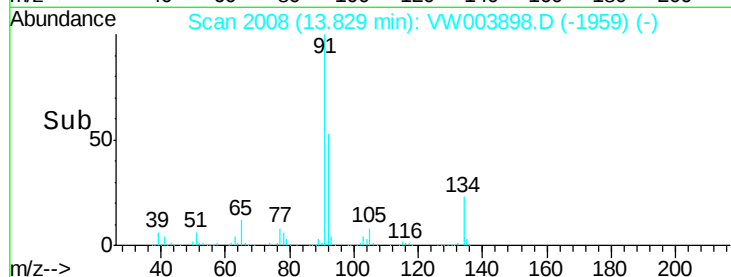
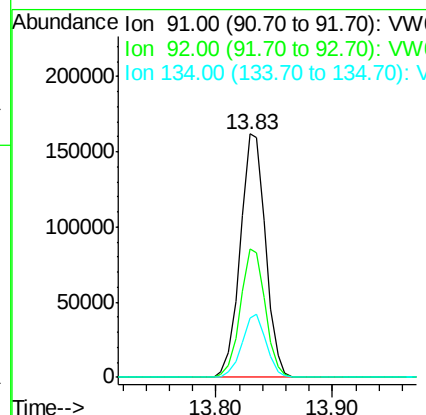
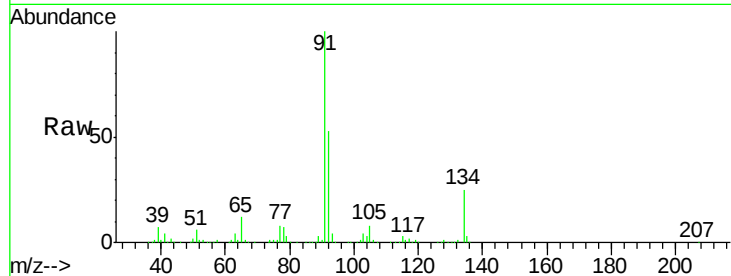
#89
n-Butylbenzene
Concen: 23.140 ug/l
RT: 13.83 min Scan# 2008
Delta R.T. -0.00 min
Lab File: VW003898.D
Acq: 12 Jul 2018 15:48

Instrument :
MSVOA_W
ClientSampleId :
VW0712SBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100		244838		
92	51.8	26.1	78.3		
134	24.9	12.4	37.4		

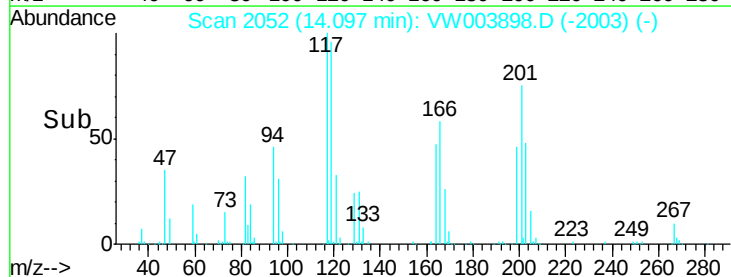
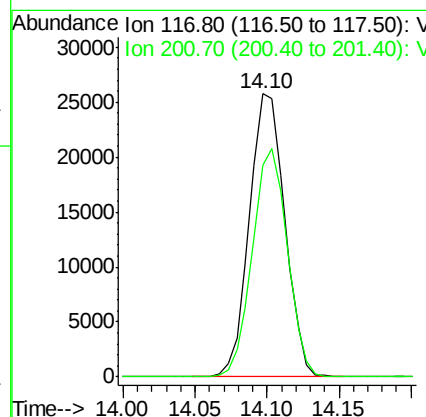
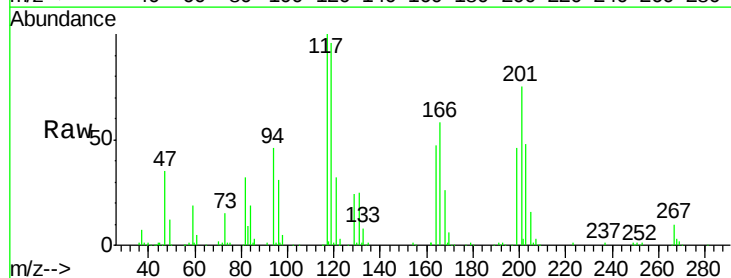
Manual Integrations
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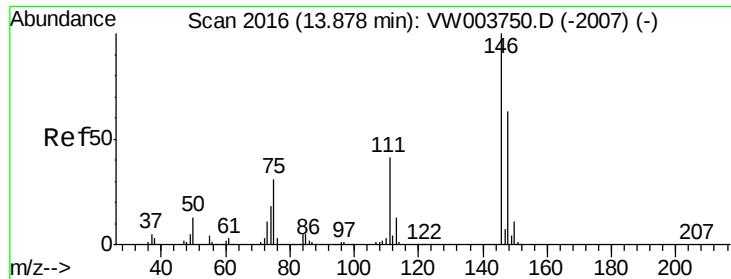
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#90
Hexachloroethane
Concen: 21.123 ug/l
RT: 14.10 min Scan# 2052
Delta R.T. -0.00 min
Lab File: VW003898.D
Acq: 12 Jul 2018 15:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		43766		
201	79.4	39.2	117.6		





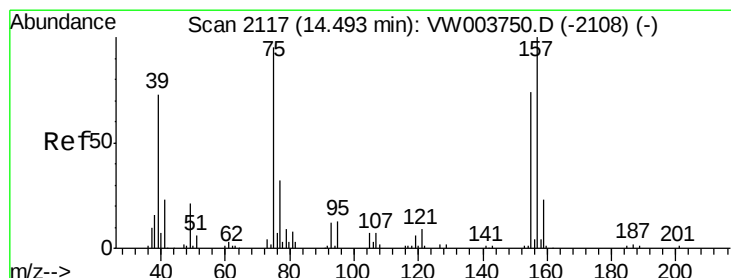
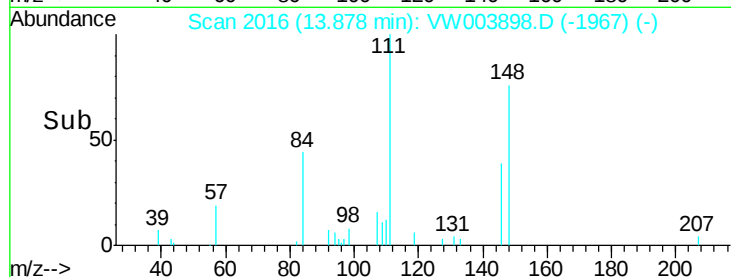
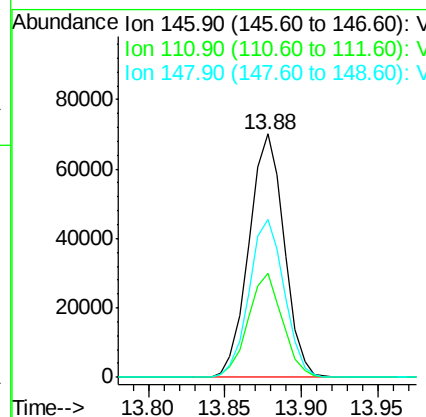
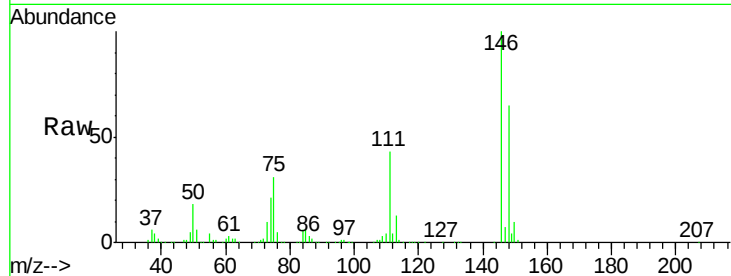
#91
 1,2-Dichlorobenzene
 Concen: 21.439 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: VW003898.D
 Acq: 12 Jul 2018 15:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0712SBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.7	20.7	62.1
148	64.8	31.9	95.9

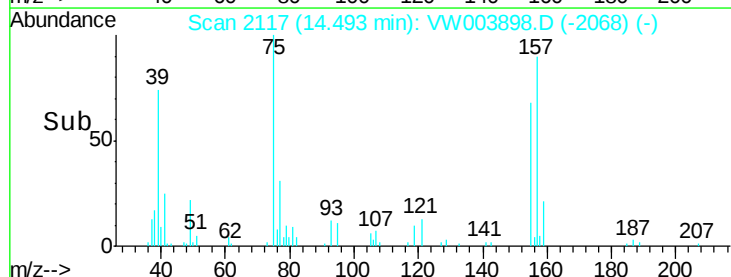
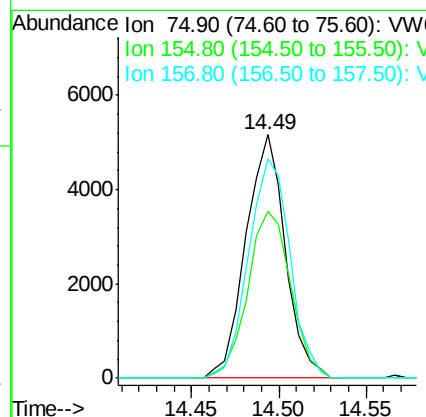
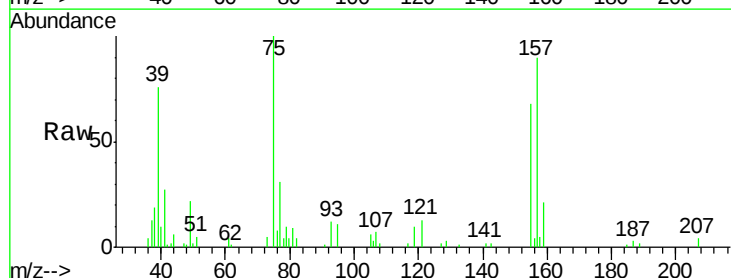
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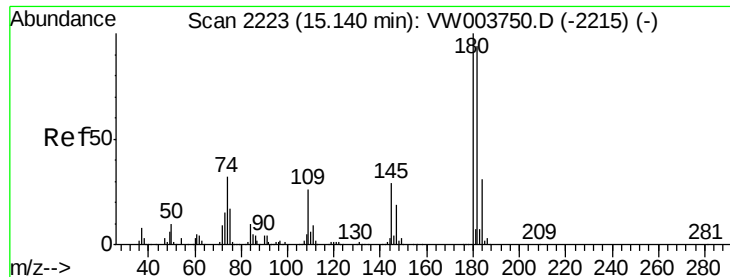
apatel
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.969 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VW003898.D
 Acq: 12 Jul 2018 15:48

Tgt Ion	Ratio	Lower	Upper
75	100		
155	74.8	39.2	117.6
157	95.1	50.7	152.1





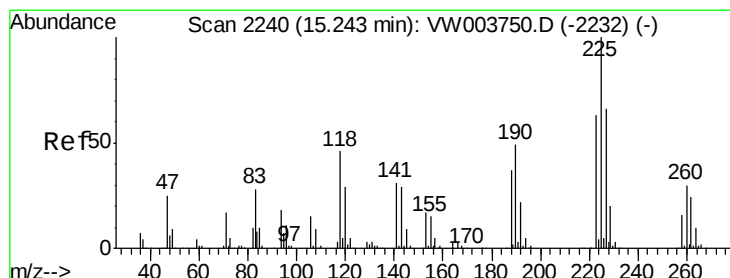
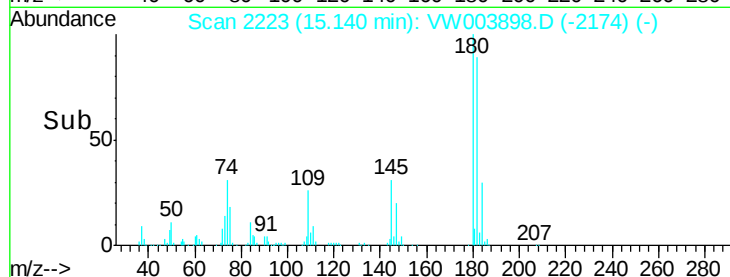
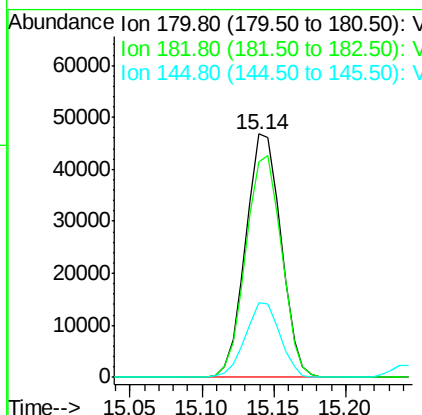
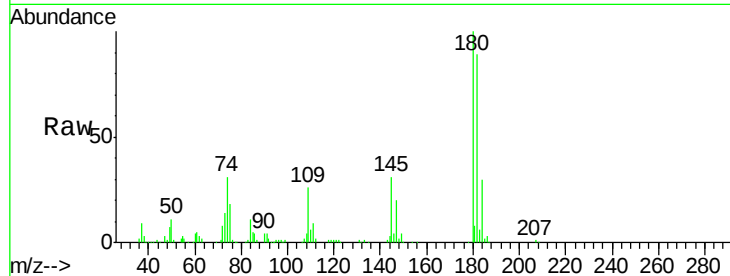
#93
 1,2,4-Trichlorobenzene
 Concen: 22.433 ug/l
 RT: 15.14 min Scan# 2223
 Delta R.T. -0.00 min
 Lab File: VW003898.D
 Acq: 12 Jul 2018 15:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0712SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	79582		
182	92.4		47.4	142.2
145	30.0		15.0	45.0

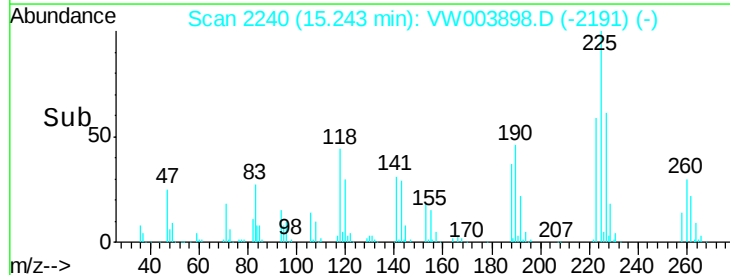
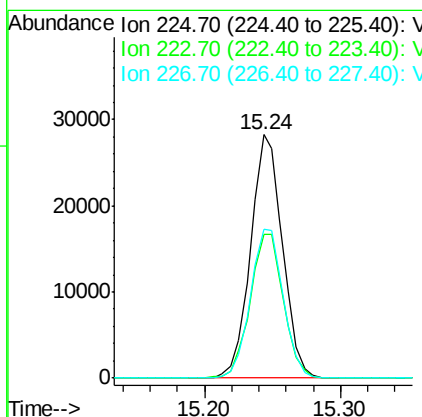
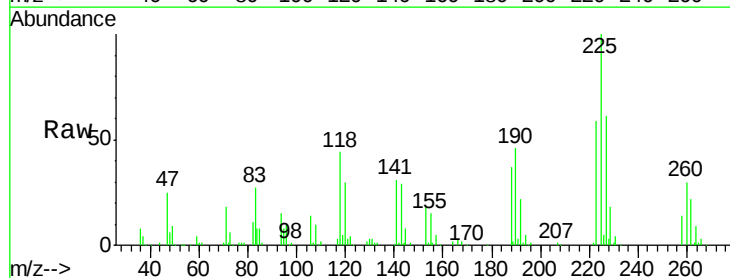
Manual Integrations
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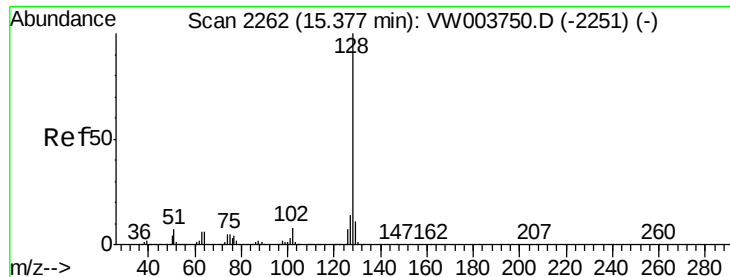
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#94
 Hexachlorobutadiene
 Concen: 22.804 ug/l
 RT: 15.24 min Scan# 2240
 Delta R.T. -0.00 min
 Lab File: VW003898.D
 Acq: 12 Jul 2018 15:48

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	46273		
223	62.0		32.6	97.7
227	63.3		32.5	97.5





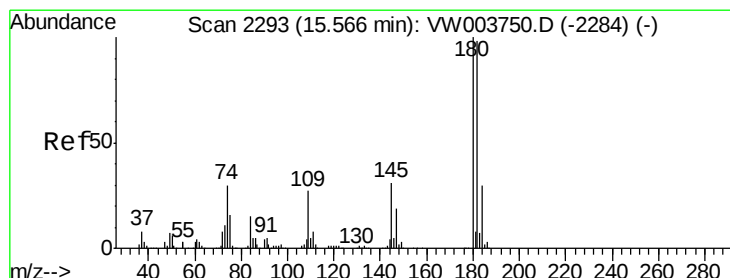
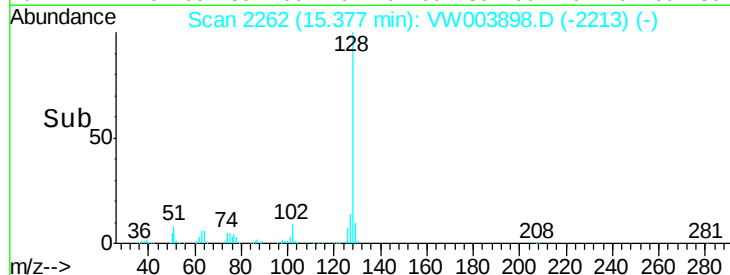
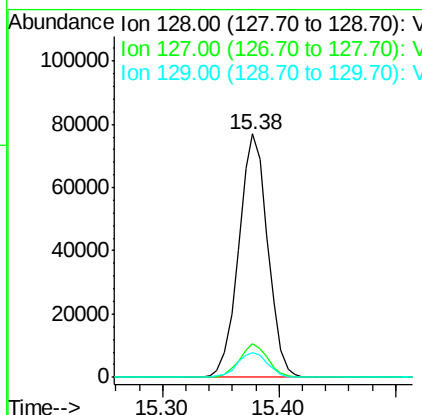
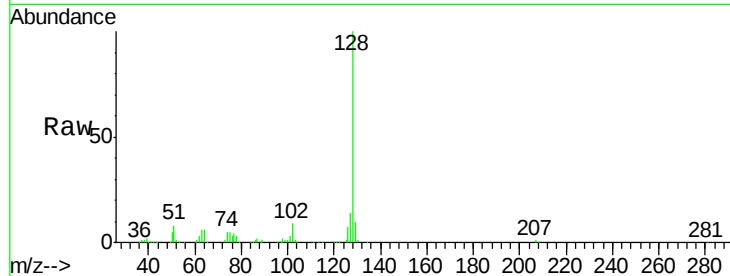
#95
Naphthalene
Concen: 20.957 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VW003898.D
Acq: 12 Jul 2018 15:48

Instrument :
MSVOA_W
ClientSampleId :
VW0712SBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.8	16.2
129	10.8	8.6	13.0

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 21.597 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VW003898.D
Acq: 12 Jul 2018 15:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.4	142.3
145	32.5	15.8	47.4

