

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070718\
 Data File : VW003748.D
 Acq On : 06 Jul 2018 23:14
 Operator : SY/AP
 Sample : VSTDIC010
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Manual Integrations
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 7/9/2018 9:50:47 AM

Quant Time: Jul 07 04:03:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 07 03:50:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	202005	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	327218	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	311723	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	169892	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	28319	11.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	23.14%	
35) Dibromofluoromethane	7.88	113	24232	11.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	22.48%	
50) Toluene-d8	10.33	98	90638	10.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	21.48%	
62) 4-Bromofluorobenzene	12.63	95	32895	10.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	21.70%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	10360	10.68	ug/l	84
3) Chloromethane	2.21	50	21775	13.39	ug/l	96
4) Vinyl Chloride	2.36	62	27200	12.29	ug/l	100
5) Bromomethane	2.78	94	19379	13.16	ug/l	94
6) Chloroethane	2.92	64	15583	11.72	ug/l	96
7) Trichlorofluoromethane	3.25	101	11208	9.88	ug/l	99
8) Diethyl Ether	3.68	74	10936	10.34	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.04	101	22131	11.34	ug/l	99
10) Methyl Iodide	4.26	142	31016	10.84	ug/l	99
11) Tert butyl alcohol	5.23	59	7824	52.03	ug/l #	92
12) 1,1-Dichloroethene	4.03	96	21418	11.05	ug/l	93
13) Acrolein	3.89	56	11356	116.25	ug/l	99
14) Allyl chloride	4.65	41	35481	10.69	ug/l	98
15) Acrylonitrile	5.38	53	27160	53.13	ug/l	98
16) Acetone	4.14	43	25881	45.56	ug/l	96
17) Carbon Disulfide	4.37	76	69580	11.95	ug/l	99
18) Methyl Acetate	4.67	43	13472	9.55	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	39098	10.17	ug/l	99
20) Methylene Chloride	4.91	84	32446	12.34	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	23776	11.14	ug/l	93
22) Diisopropyl ether	6.31	45	72706	10.56	ug/l	94
23) Vinyl Acetate	6.26	43	215623	51.39	ug/l	100
24) 1,1-Dichloroethane	6.21	63	46166	11.28	ug/l	99
25) 2-Butanone	7.18	43	35629	47.84	ug/l	99
26) 2,2-Dichloropropane	7.17	77	25659	10.41	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	25115	10.77	ug/l	99
28) Bromochloromethane	7.51	49	20628	11.54	ug/l	98
29) Tetrahydrofuran	7.54	42	22304	49.40	ug/l	99
30) Chloroform	7.68	83	46990	11.34	ug/l	97
31) Cyclohexane	7.95	56	40080	10.83	ug/l #	84
32) 1,1,1-Trichloroethane	7.87	97	35416	11.02	ug/l	99
36) 1,1-Dichloropropene	8.08	75	34789	10.50	ug/l	99
37) Ethyl Acetate	7.26	43	17934	11.03	ug/l	97
38) Carbon Tetrachloride	8.07	117	33830	10.74	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	36853	9.72	ug/l	98
40) Benzene	8.32	78	101782	10.89	ug/l	100
41) Methacrylonitrile	7.49	41	9858	10.62	ug/l	96
42) 1,2-Dichloroethane	8.40	62	32939	11.12	ug/l	98
43) Isopropyl Acetate	8.43	43	32359	10.52	ug/l	100
44) Trichloroethene	9.09	130	26544	11.01	ug/l	99
45) 1,2-Dichloropropane	9.37	63	26248	10.80	ug/l	96
46) Dibromomethane	9.46	93	13935	10.99	ug/l	99
47) Bromodichloromethane	9.65	83	34258	10.98	ug/l	96
48) Methyl methacrylate	9.44	41	14437	9.87	ug/l	98
49) 1,4-Dioxane	9.48	88	4135	209.38	ug/l #	92
51) 4-Methyl-2-Pentanone	10.21	43	79818	49.09	ug/l	98
52) Toluene	10.39	92	62023	10.65	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	32411	10.04	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	37522	10.28	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	19217	10.78	ug/l	94
56) Ethyl methacrylate	10.65	69	21059	9.38	ug/l	98
57) 1,3-Dichloropropane	10.94	76	33523	10.81	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	45990	46.12	ug/l	100
59) 2-Hexanone	10.98	43	53783	46.47	ug/l	96
60) Dibromochloromethane	11.13	129	21930	10.50	ug/l	98
61) 1,2-Dibromoethane	11.24	107	18313	10.70	ug/l	100
64) Tetrachloroethene	10.87	164	23017	10.73	ug/l	97
65) Chlorobenzene	11.66	112	70723	10.69	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	24550	10.64	ug/l	98
67) Ethyl Benzene	11.74	91	114983	9.96	ug/l	100
68) m/p-Xylenes	11.84	106	88161	20.04	ug/l	100
69) o-Xylene	12.18	106	39836	9.78	ug/l	99
70) Styrene	12.19	104	66390	9.69	ug/l	98
71) Bromoform	12.35	173	13563	10.49	ug/l #	100
73) Isopropylbenzene	12.47	105	109921	9.49	ug/l	99
74) N-amyl acetate	12.28	43	28502	9.22	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	23639	10.31	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	18314m	11.91	ug/l	
77) Bromobenzene	12.75	156	28353	10.19	ug/l	96
78) n-propylbenzene	12.81	91	139204	9.72	ug/l	99
79) 2-Chlorotoluene	12.90	91	82653	10.15	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	96467	9.82	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	6691	9.26	ug/l	99
82) 4-Chlorotoluene	12.99	91	89643	10.32	ug/l	100
83) tert-Butylbenzene	13.21	119	76938	9.31	ug/l	96
84) 1,2,4-Trimethylbenzene	13.26	105	100904	9.98	ug/l	98
85) sec-Butylbenzene	13.39	105	116708	9.50	ug/l	100
86) p-Isopropyltoluene	13.51	119	101678	9.45	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	58823	10.39	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	60097	10.62	ug/l	96
89) n-Butylbenzene	13.84	91	99252	9.35	ug/l	97
90) Hexachloroethane	14.10	117	20079	10.03	ug/l	96
91) 1,2-Dichlorobenzene	13.88	146	52490	10.35	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	4046	10.10	ug/l	95

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VSTDICC010

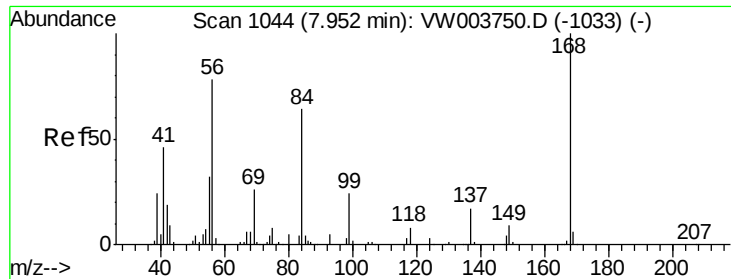
Manual Integrations
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QLast Update : Sat Jul 07 03:50:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	34792	9.76	ug/l	98
94) Hexachlorobutadiene	15.25	225	20567	10.06	ug/l	95
95) Naphthalene	15.38	128	56230	8.64	ug/l	98
96) 1,2,3-Trichlorobenzene	15.57	180	31791	9.98	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW003748.D

Acq: 06 Jul 2018 23:14

Instrument :

MSVOA_W

ClientSampled :

VSTDIC010

Tot Ion:168 Resp: 202005

Ion Ratio Lower Upper

168 100

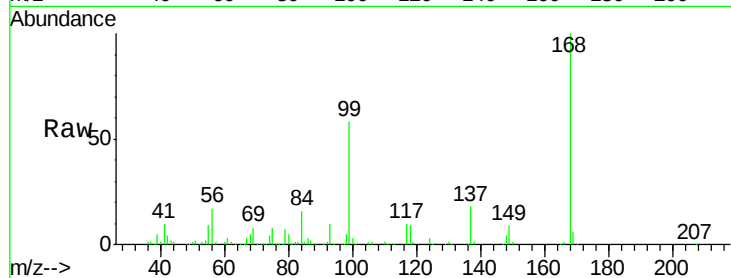
99 57.6 45.0 67.6

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Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

60000

40000

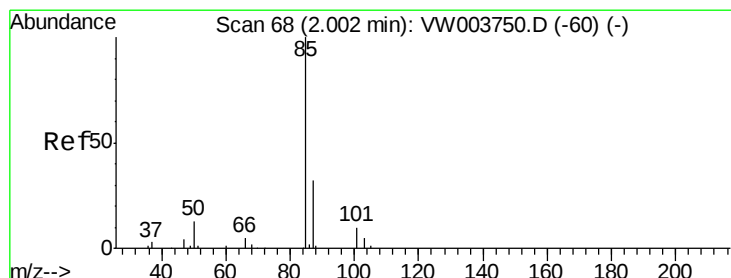
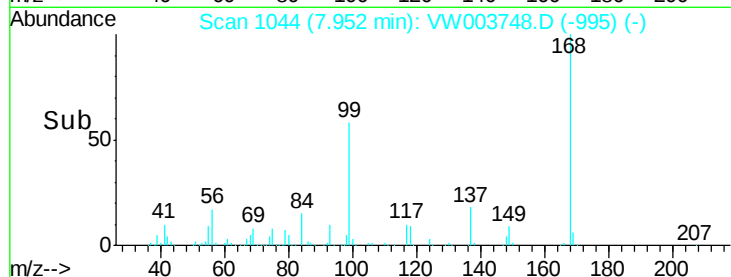
20000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 10.68 ug/l

RT: 2.01 min Scan# 69

Delta R.T. 0.01 min

Lab File: VW003748.D

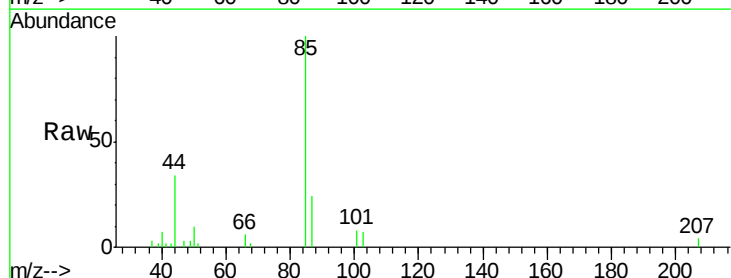
Acq: 06 Jul 2018 23:14

Tgt Ion: 85 Resp: 10360

Ion Ratio Lower Upper

85 100

87 23.6 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

3000

2000

1000

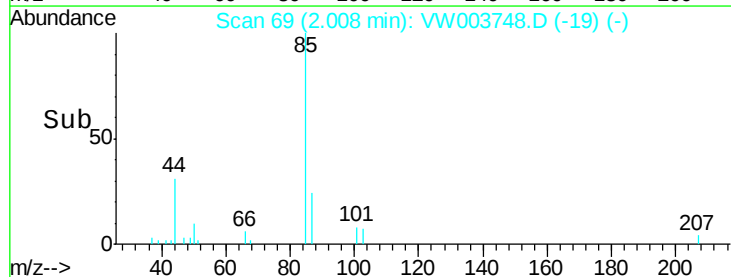
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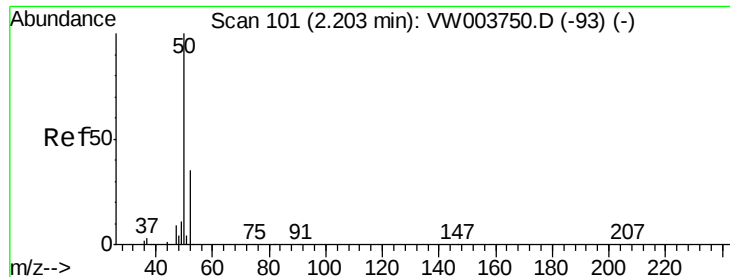
1.90

2.00

2.10

Time-->





#3

Chloromethane

Concen: 13.39 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.01 min

Lab File: VW003748.D

Acq: 06 Jul 2018 23:14

Instrument :

MSVOA_W

ClientSampled :

VSTDIC010

Tot Ion: 50 Resp: 21775

Ion Ratio Lower Upper

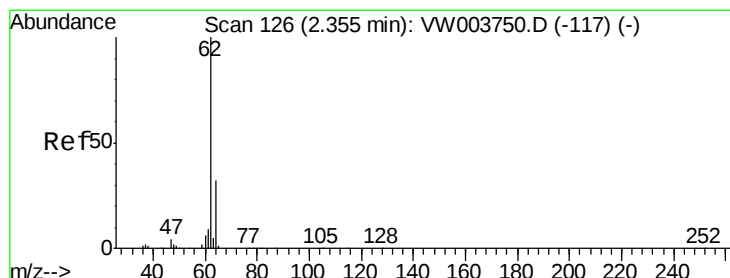
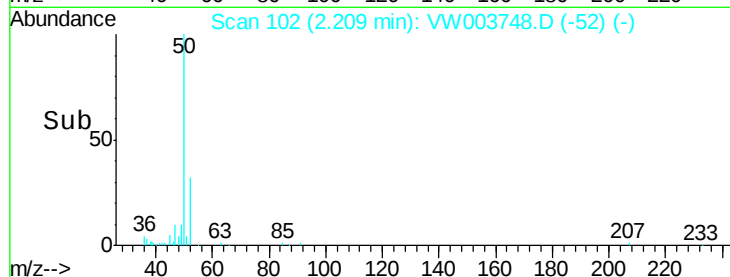
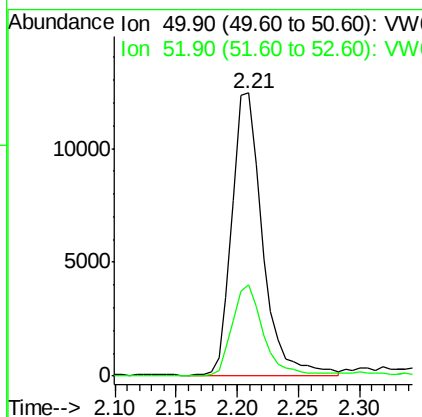
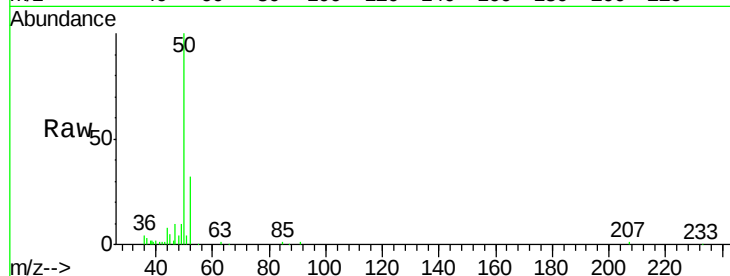
50 100

52 32.3 27.8 41.6

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#4

Vinyl Chloride

Concen: 12.29 ug/l

RT: 2.36 min Scan# 126

Delta R.T. -0.00 min

Lab File: VW003748.D

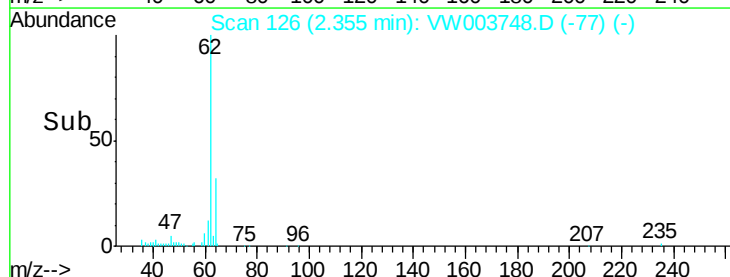
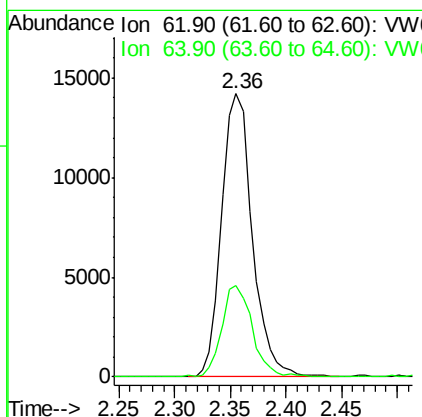
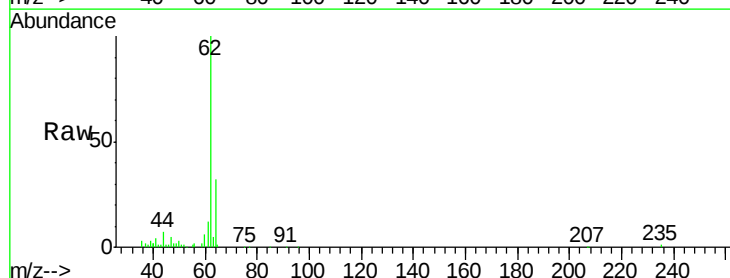
Acq: 06 Jul 2018 23:14

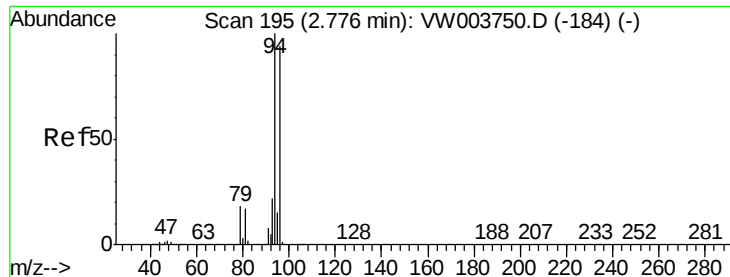
Tgt Ion: 62 Resp: 27200

Ion Ratio Lower Upper

62 100

64 32.3 25.8 38.8





#5

Bromomethane

Concen: 13.16 ug/l

RT: 2.78 min Scan# 195

Delta R.T. -0.00 min

Lab File: VW003748.D

Acq: 06 Jul 2018 23:14

Instrument :

MSVOA_W

ClientSampled :

VSTDIC010

Tot Ion: 94 Resp: 19379

Ion Ratio Lower Upper

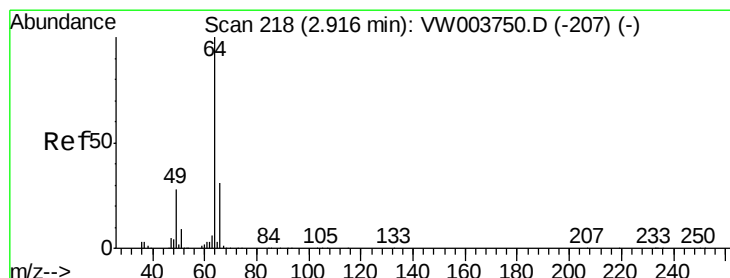
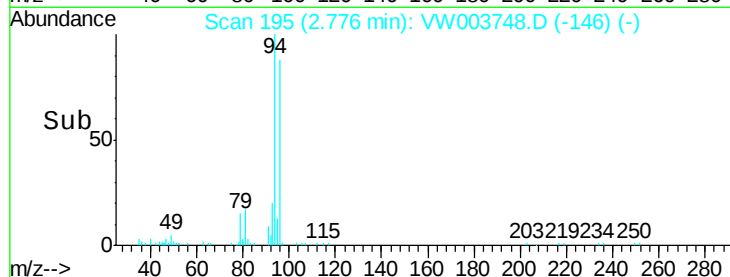
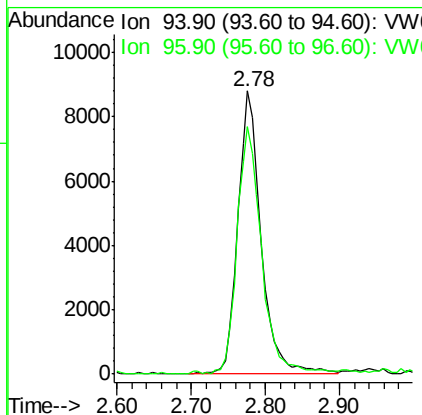
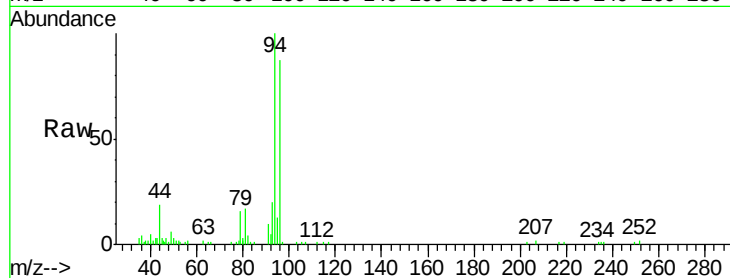
94 100

96 87.4 74.8 112.2

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#6

Chloroethane

Concen: 11.72 ug/l

RT: 2.92 min Scan# 219

Delta R.T. 0.01 min

Lab File: VW003748.D

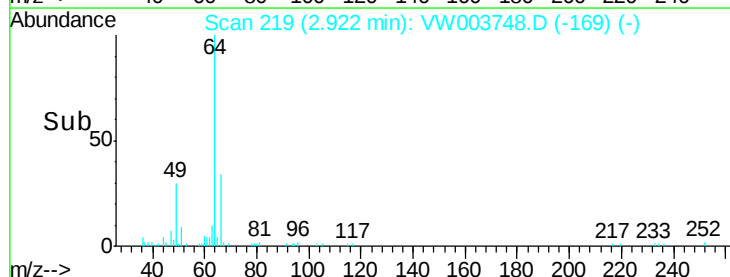
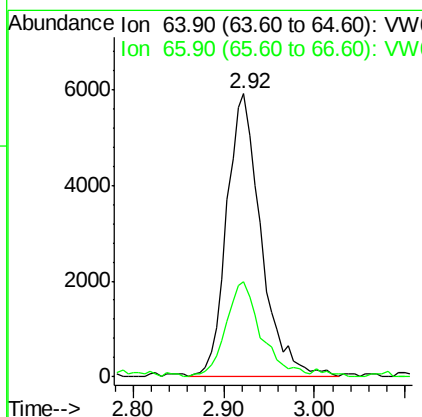
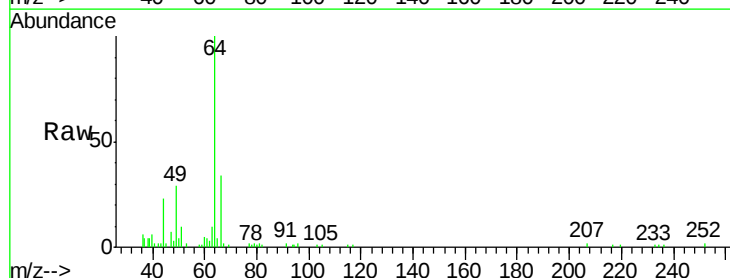
Acq: 06 Jul 2018 23:14

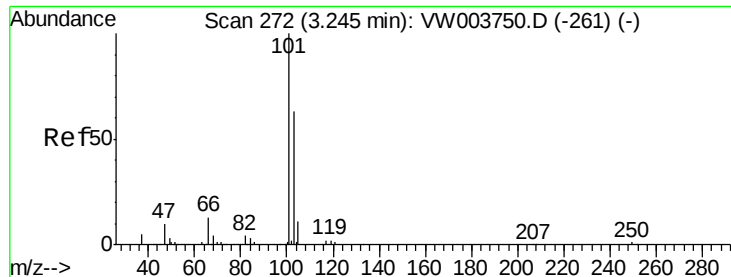
Tgt Ion: 64 Resp: 15583

Ion Ratio Lower Upper

64 100

66 33.8 25.1 37.7





#7

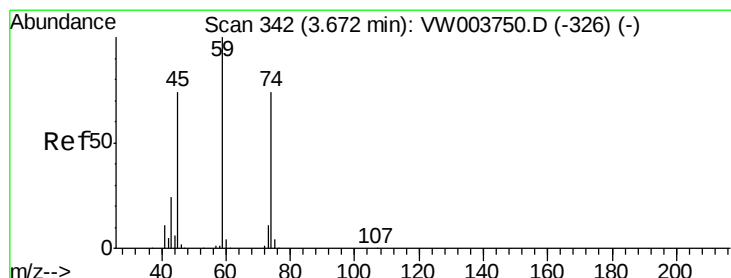
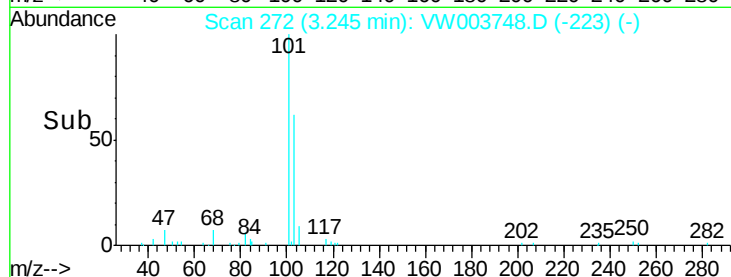
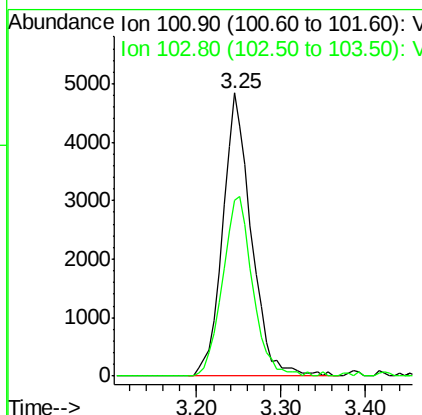
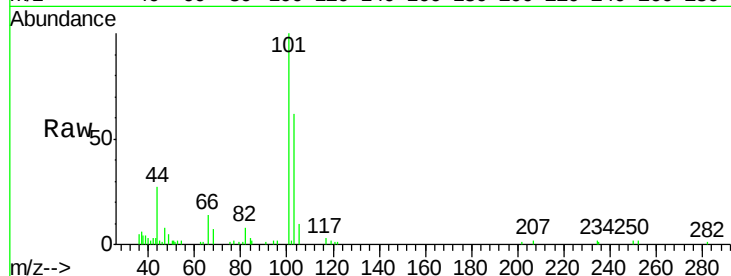
Trichlorofluoromethane
 Concen: 9.88 ug/l
 RT: 3.25 min Scan# 272
 Delta R.T. -0.00 min
 Lab File: VW003748.D
 Acq: 06 Jul 2018 23:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.3	50.7	76.1

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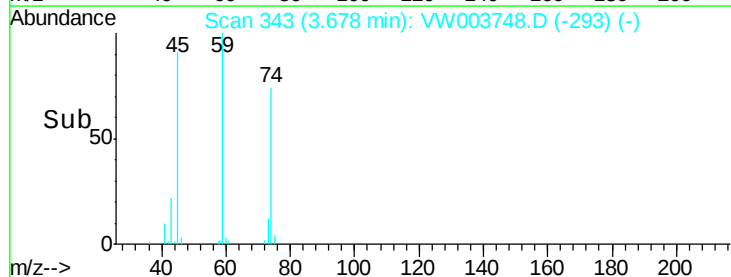
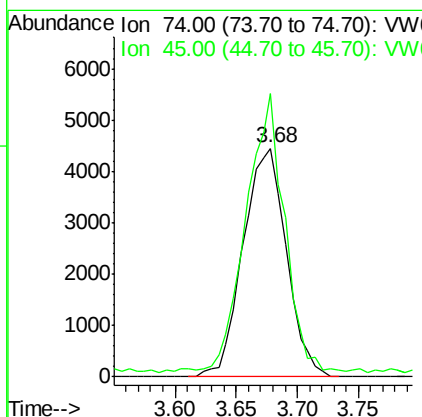
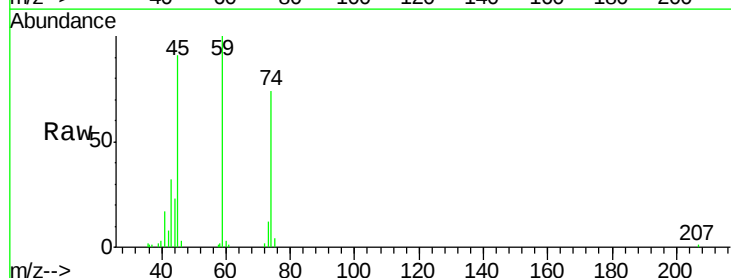
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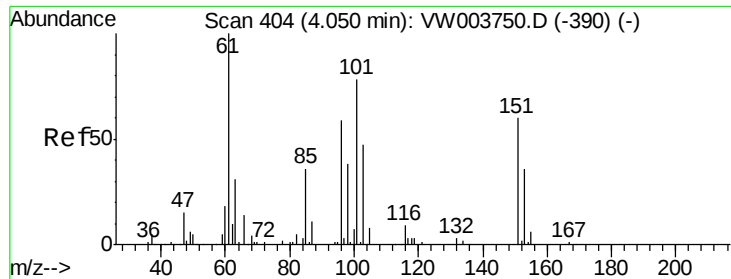


#8

Diethyl Ether
 Concen: 10.34 ug/l
 RT: 3.68 min Scan# 343
 Delta R.T. 0.01 min
 Lab File: VW003748.D
 Acq: 06 Jul 2018 23:14

Tgt Ion	Ratio	Lower	Upper
74	100		
45	110.6	52.4	157.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 11.34 ug/l

RT: 4.04 min Scan# 403

Delta R.T. -0.01 min

Lab File: VW003748.D

Acq: 06 Jul 2018 23:14

Instrument :

MSVOA_W

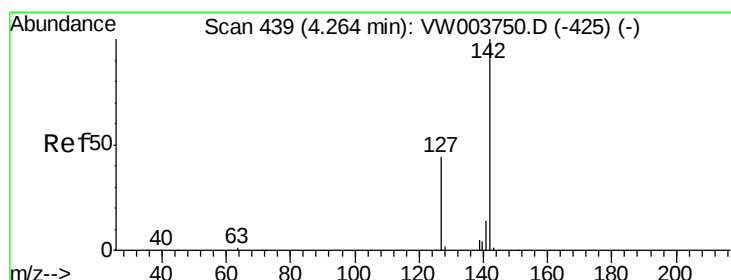
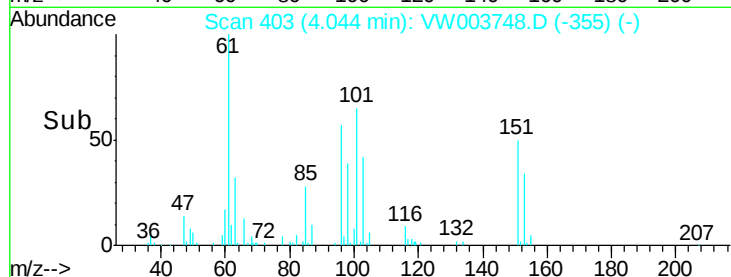
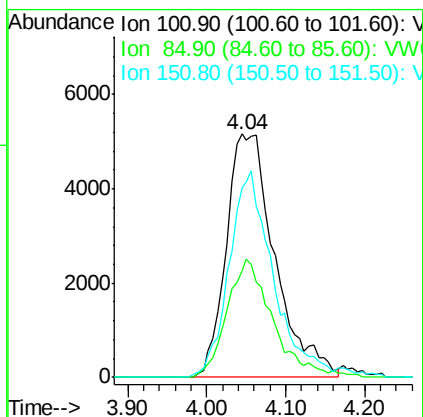
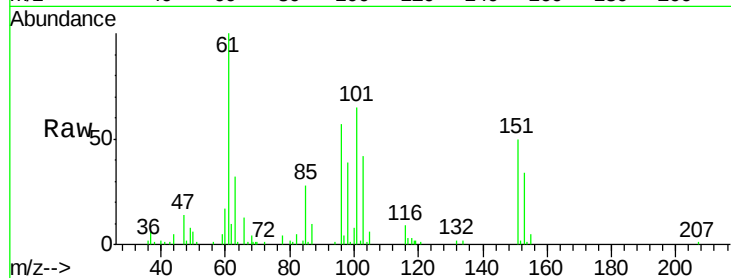
ClientSampled :

VSTDIC010

Tot Ion:	101	Resp:	22131
Ion Ratio	Lower	Upper	
101	100		
85	45.6	37.1	55.7
151	76.5	62.3	93.5

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#10

Methyl Iodide

Concen: 10.84 ug/l

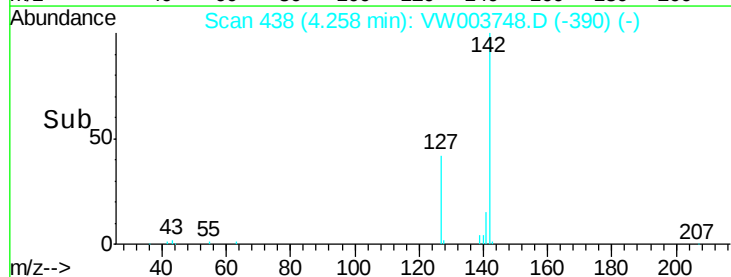
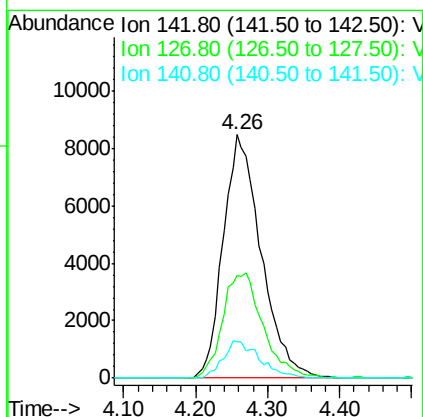
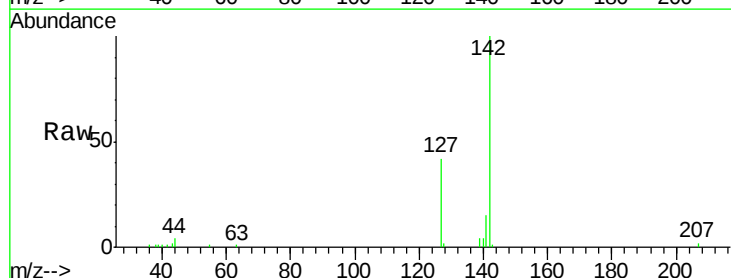
RT: 4.26 min Scan# 438

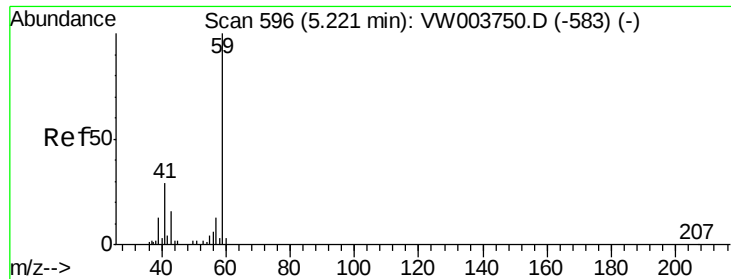
Delta R.T. -0.01 min

Lab File: VW003748.D

Acq: 06 Jul 2018 23:14

Tgt Ion:	142	Resp:	31016
Ion Ratio	Lower	Upper	
142	100		
127	45.7	36.1	54.1
141	14.8	11.6	17.4





#11

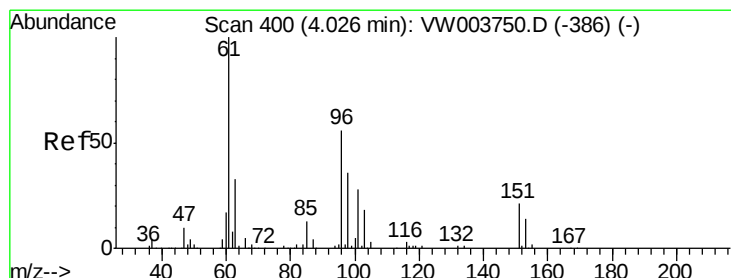
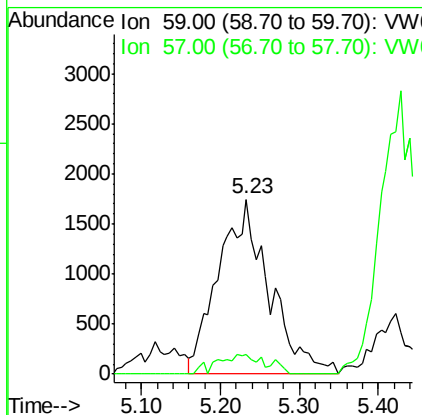
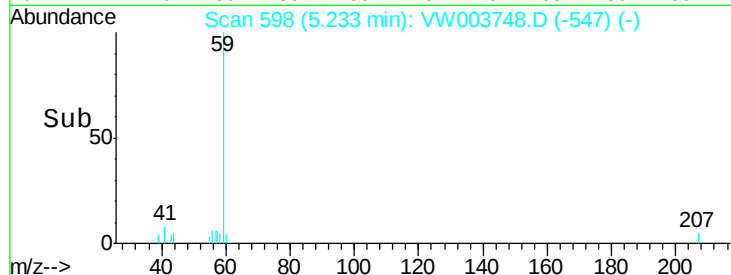
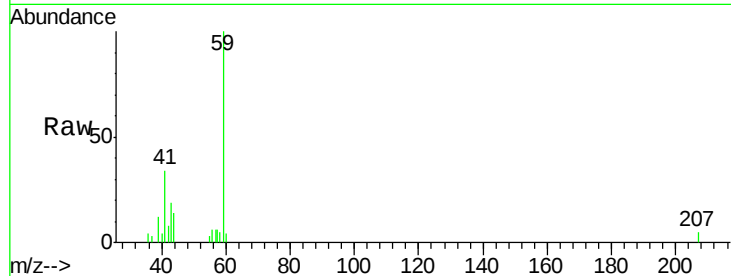
Tert butyl alcohol
Concen: 52.03 ug/l
RT: 5.23 min Scan# 598
Delta R.T. 0.01 min
Lab File: VW003748.D
Acq: 06 Jul 2018 23:14

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

Tot Ion	59	Ratio	Lower	Upper
59	100			
57	8.5		9.3	13.9#

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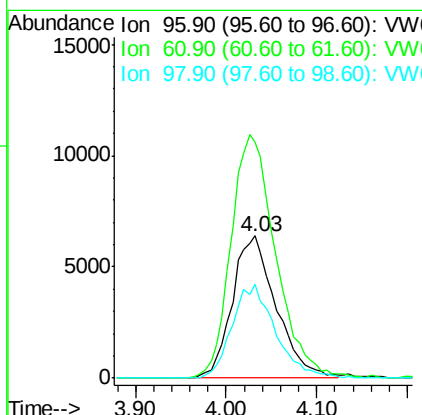
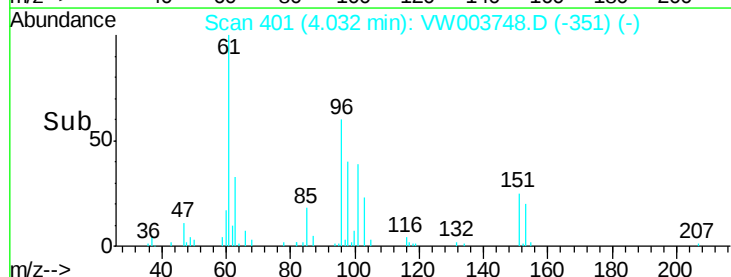
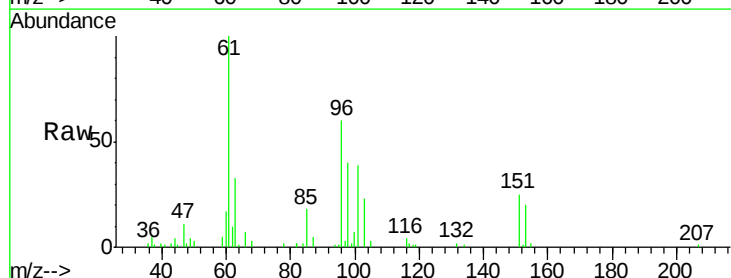
apatel
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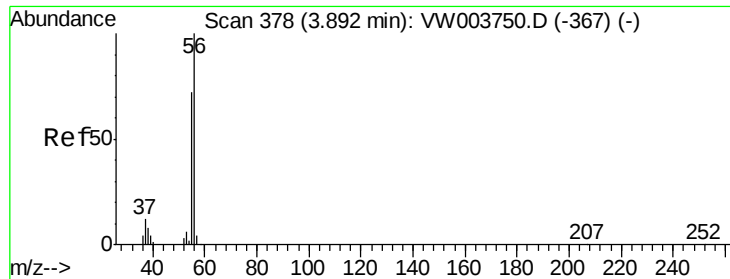


#12

1,1-Dichloroethene
Concen: 11.05 ug/l
RT: 4.03 min Scan# 401
Delta R.T. 0.01 min
Lab File: VW003748.D
Acq: 06 Jul 2018 23:14

Tgt Ion	96	Ratio	Lower	Upper
96	100			
61	166.0		143.2	214.8
98	66.2		51.4	77.0





#13

Acrolein

Concen: 116.25 ug/l

RT: 3.89 min Scan# 378

Delta R.T. -0.00 min

Lab File: VW003748.D

Acq: 06 Jul 2018 23:14

Instrument :

MSVOA_W

ClientSampled :

VSTDIC010

Tot Ion: 56 Resp: 11356

Ion Ratio Lower Upper

56 100

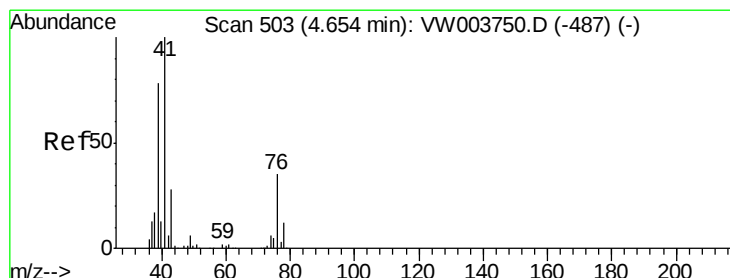
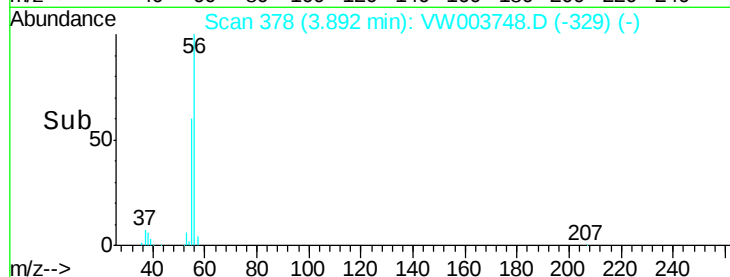
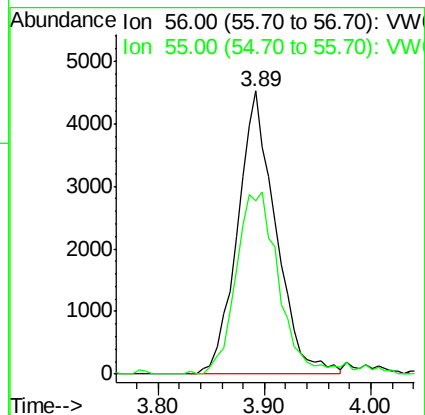
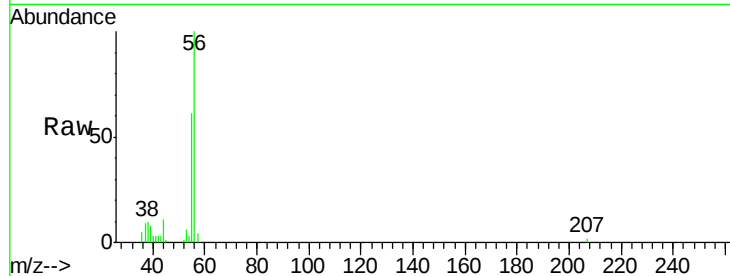
55 70.7 57.5 86.3

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#14

Allyl chloride

Concen: 10.69 ug/l

RT: 4.65 min Scan# 503

Delta R.T. -0.00 min

Lab File: VW003748.D

Acq: 06 Jul 2018 23:14

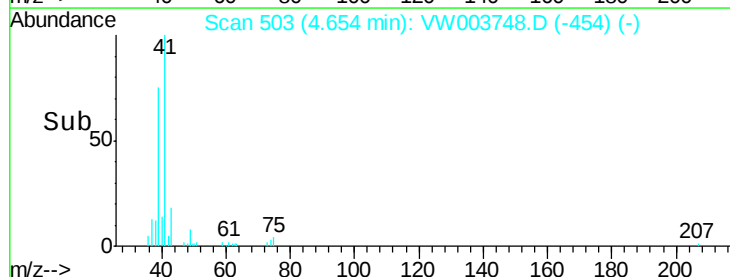
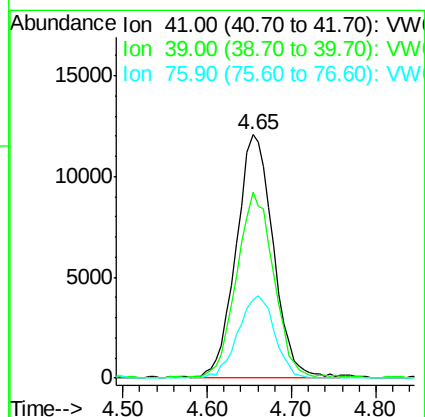
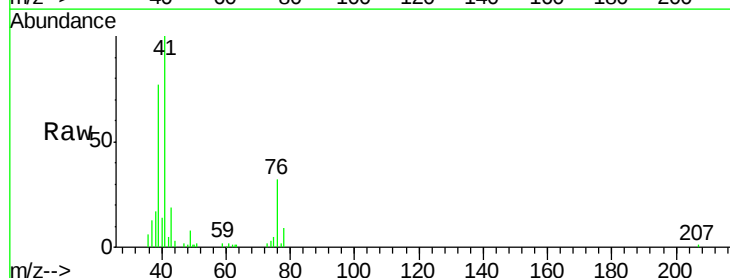
Tgt Ion: 41 Resp: 35481

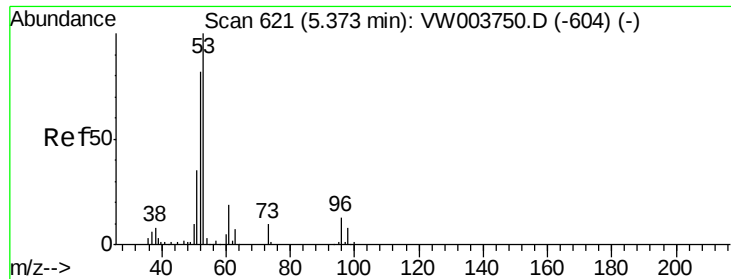
Ion Ratio Lower Upper

41 100

39 77.9 60.9 91.3

76 33.9 27.5 41.3





#15

Acrylonitrile

Concen: 53.13 ug/l

RT: 5.38 min Scan# 622

Delta R.T. 0.01 min

Lab File: VW003748.D

Acq: 06 Jul 2018 23:14

Instrument :

MSVOA_W

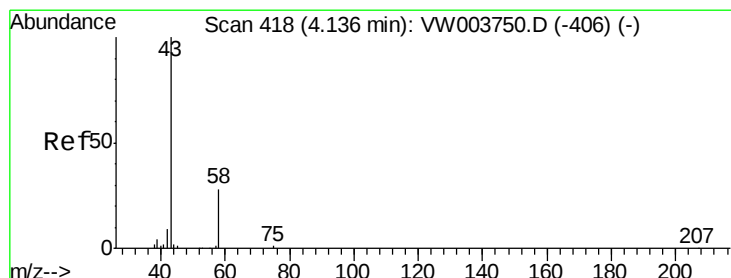
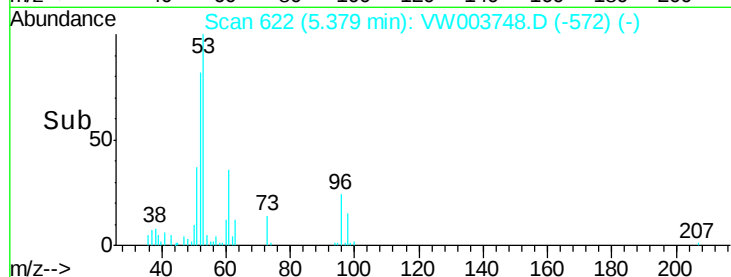
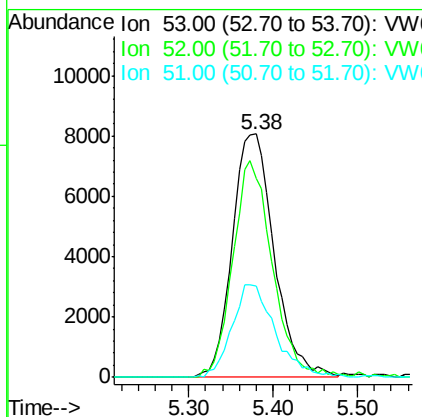
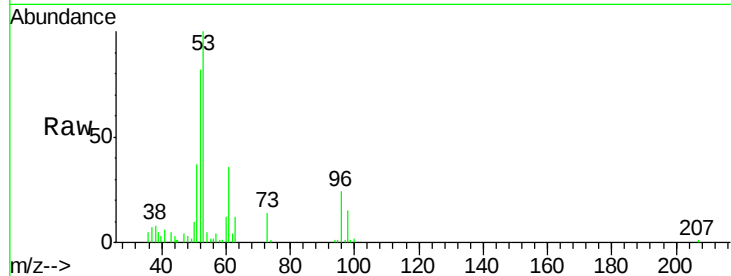
ClientSampled :

VSTDIC010

Tot Ion:	53	Resp:	27160
Ion	Ratio	Lower	Upper
53	100		
52	84.1	66.2	99.2
51	39.4	30.2	45.4

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#16

Acetone

Concen: 45.56 ug/l

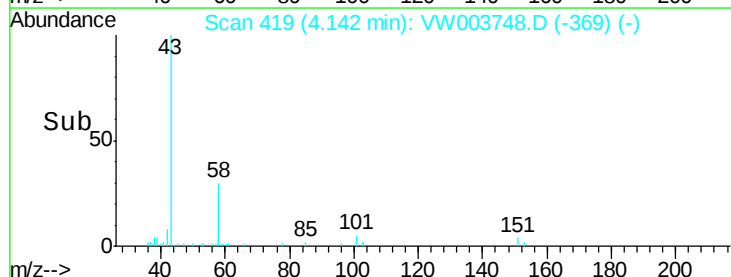
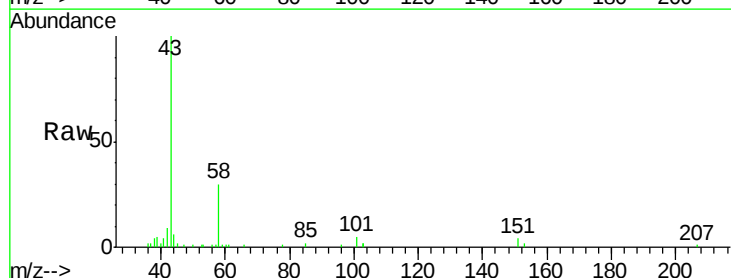
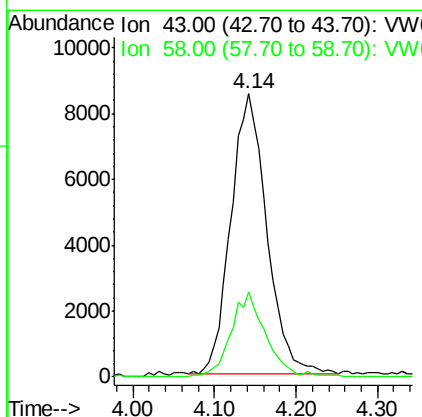
RT: 4.14 min Scan# 419

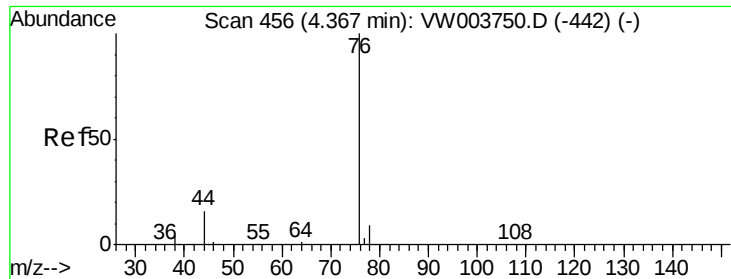
Delta R.T. 0.01 min

Lab File: VW003748.D

Acq: 06 Jul 2018 23:14

Tgt Ion:	43	Resp:	25881
Ion	Ratio	Lower	Upper
43	100		
58	30.4	22.6	34.0





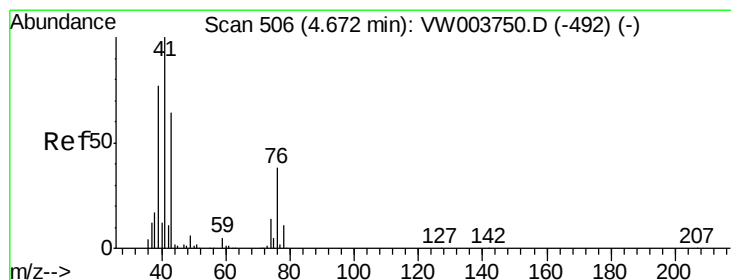
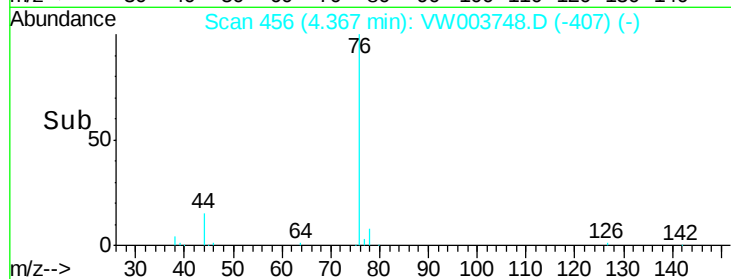
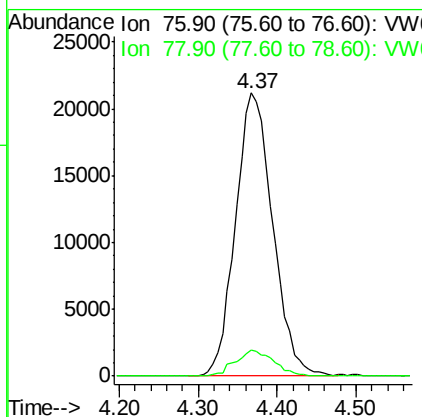
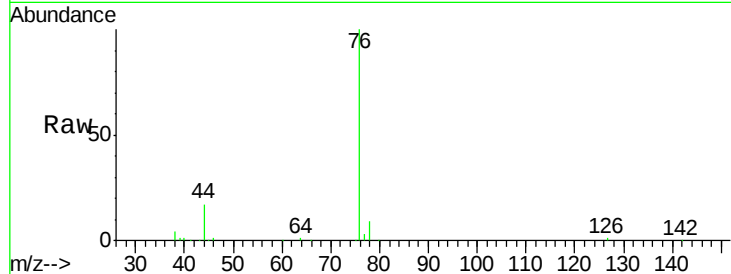
#17
Carbon Disulfide
Concen: 11.95 ug/l
RT: 4.37 min Scan# 456
Delta R.T. -0.00 min
Lab File: VW003748.D
Acq: 06 Jul 2018 23:14

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.4	11.2

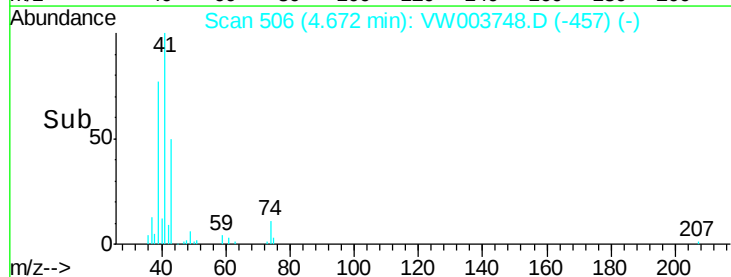
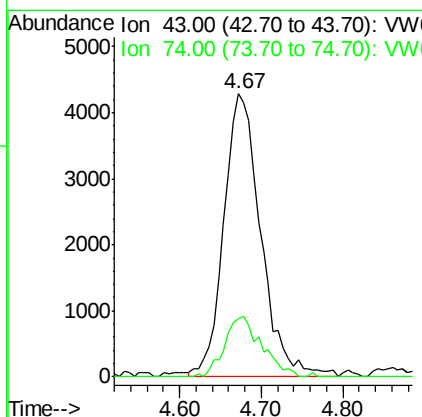
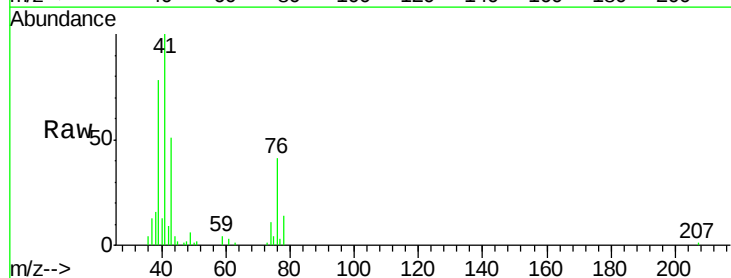
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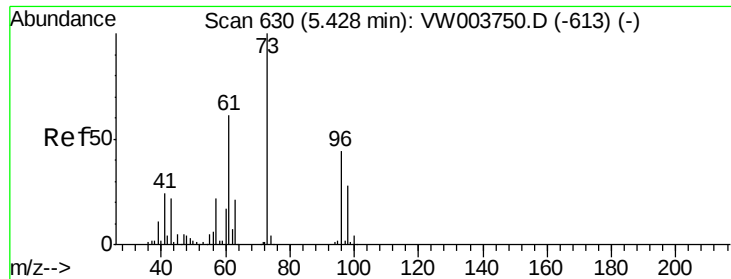
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#18
Methyl Acetate
Concen: 9.55 ug/l
RT: 4.67 min Scan# 506
Delta R.T. -0.00 min
Lab File: VW003748.D
Acq: 06 Jul 2018 23:14

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.3	17.3	25.9





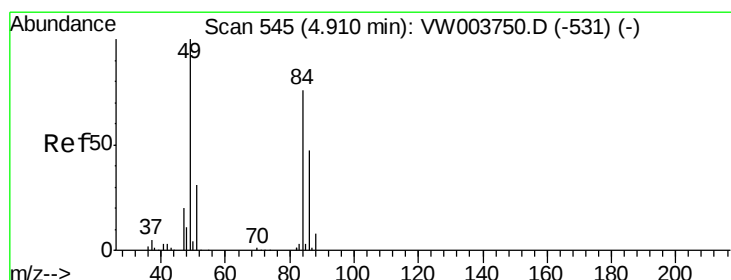
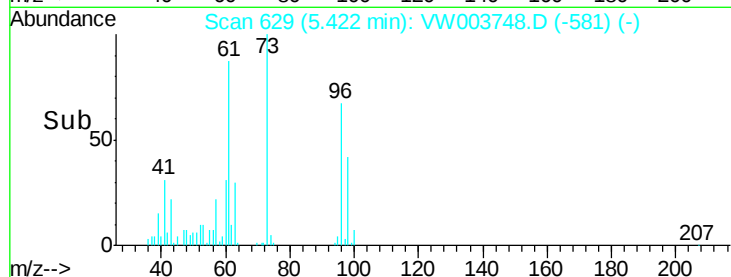
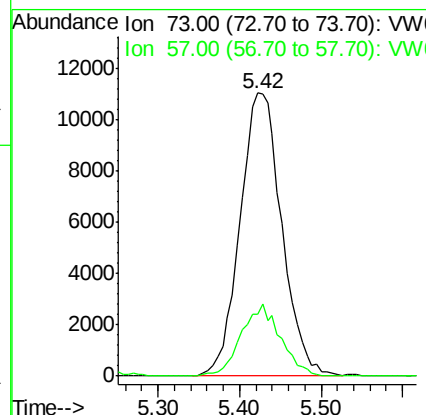
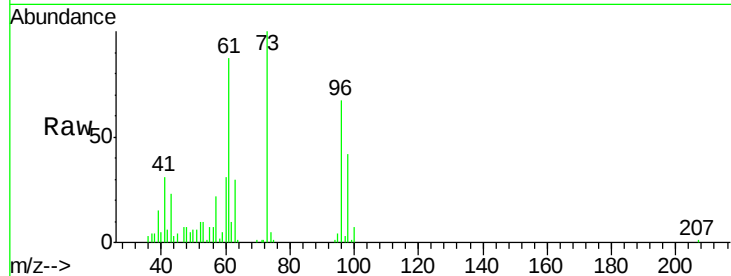
#19
Methvl tert-butvl Ether
Concen: 10.17 ug/l
RT: 5.42 min Scan# 629
Delta R.T. -0.01 min
Lab File: VW003748.D
Acq: 06 Jul 2018 23:14

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

Tot Ion: 73 Resp: 39098
Ion Ratio Lower Upper
73 100
57 21.9 17.9 26.9

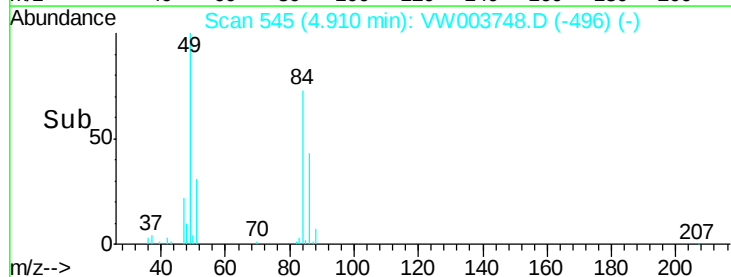
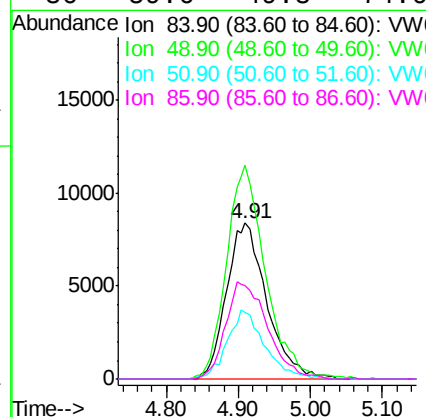
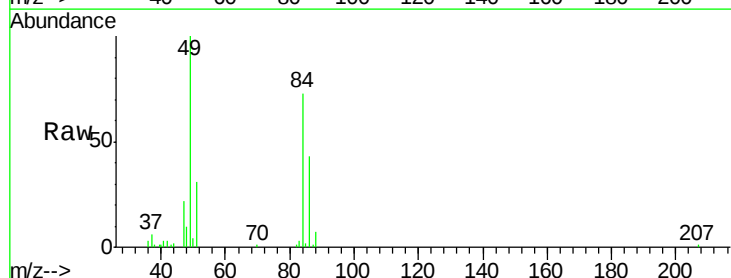
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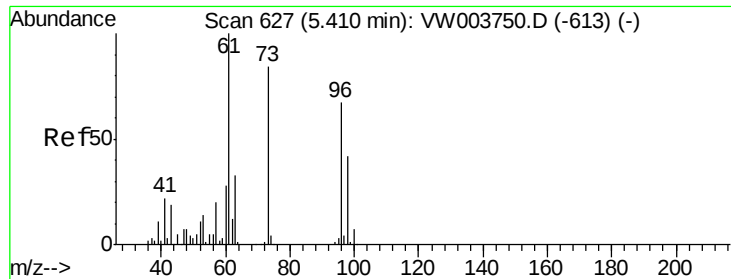
apatel
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#20
Methylene Chloride
Concen: 12.34 ug/l
RT: 4.91 min Scan# 545
Delta R.T. -0.00 min
Lab File: VW003748.D
Acq: 06 Jul 2018 23:14

Tgt Ion: 84 Resp: 32446
Ion Ratio Lower Upper
84 100
49 136.2 105.1 157.7
51 42.5 32.5 48.7
86 59.6 49.8 74.6





#21

trans-1,2-Dichloroethene

Concen: 11.14 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.01 min

Lab File: VW003748.D

Acq: 06 Jul 2018 23:14

Instrument :

MSVOA_W

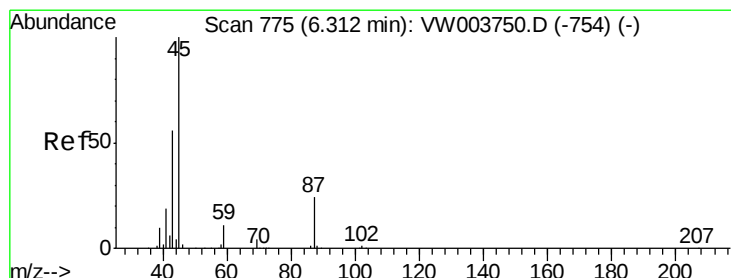
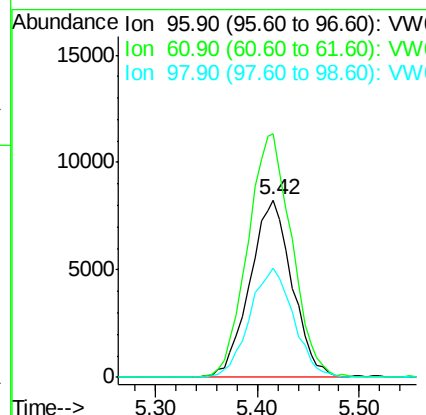
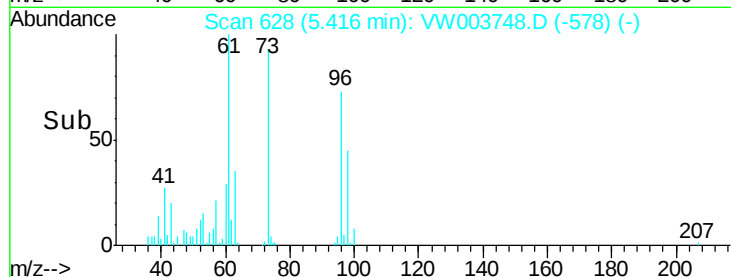
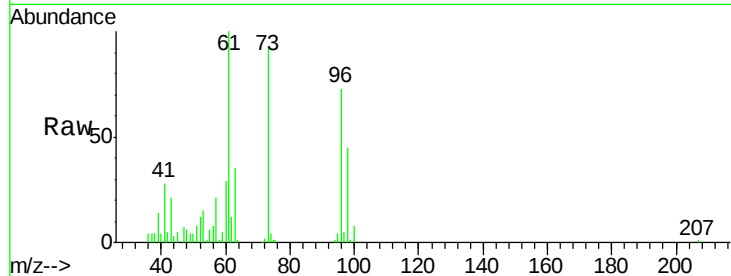
ClientSampled :

VSTDIC010

Tot Ion:	96	Resp:	23776
Ion	Ratio	Lower	Upper
96	100		
61	137.3	119.0	178.6
98	61.6	49.8	74.8

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#22

Diisopropyl ether

Concen: 10.56 ug/l

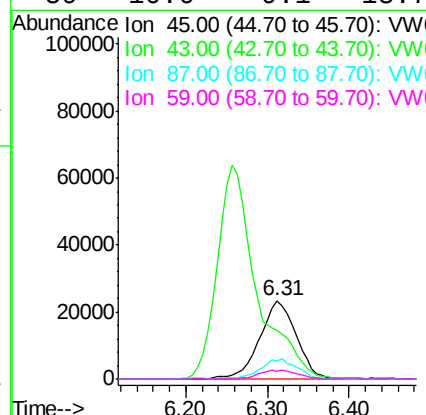
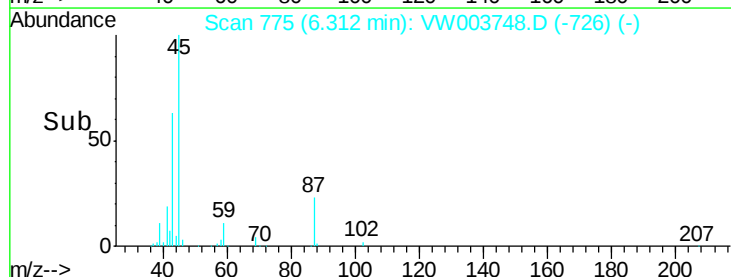
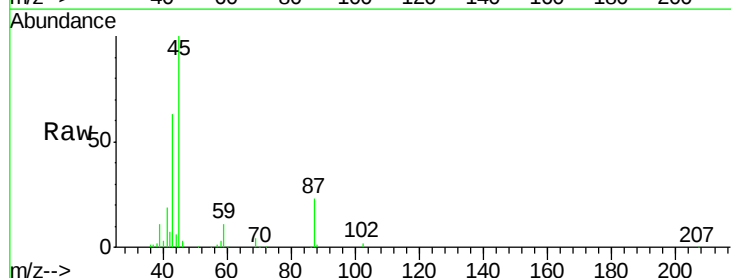
RT: 6.31 min Scan# 775

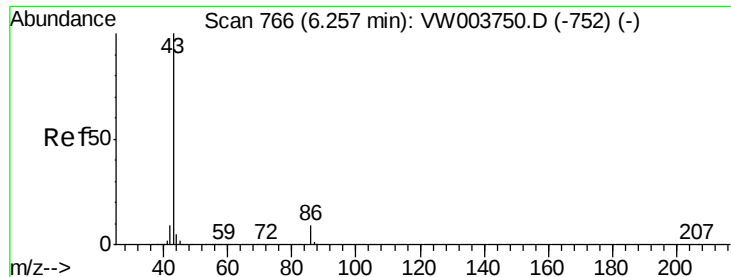
Delta R.T. -0.00 min

Lab File: VW003748.D

Acq: 06 Jul 2018 23:14

Tgt Ion:	45	Resp:	72706
Ion	Ratio	Lower	Upper
45	100		
43	61.7	44.5	66.7
87	23.0	19.6	29.4
59	10.6	9.1	13.7





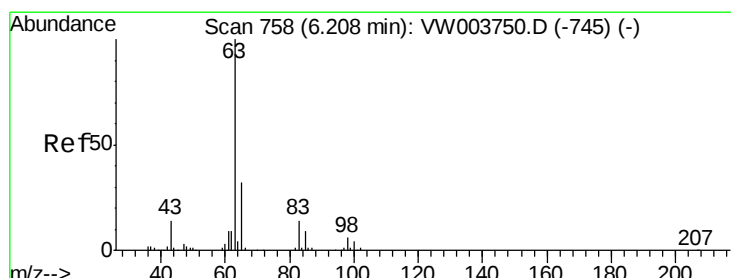
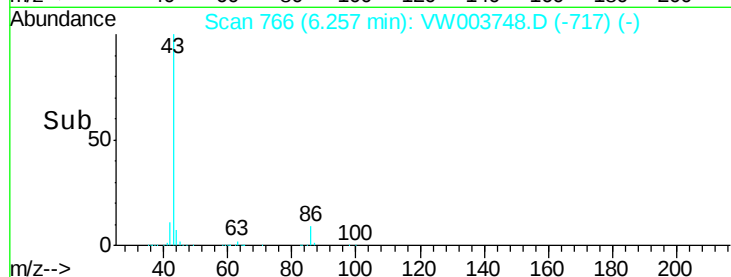
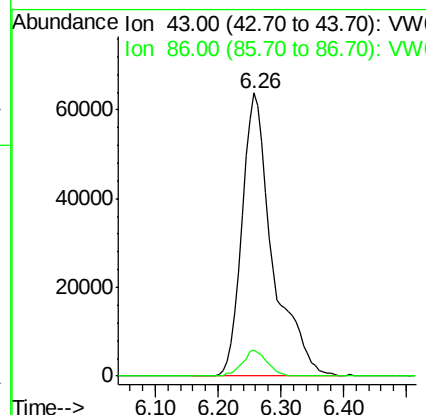
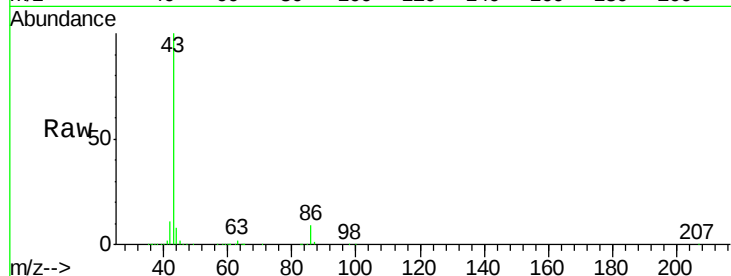
#23
 Vinyl Acetate
 Concen: 51.39 ug/l
 RT: 6.26 min Scan# 766
 Delta R.T. -0.00 min
 Lab File: VW003748.D
 Acq: 06 Jul 2018 23:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
43	100		
86	9.0	7.3	10.9

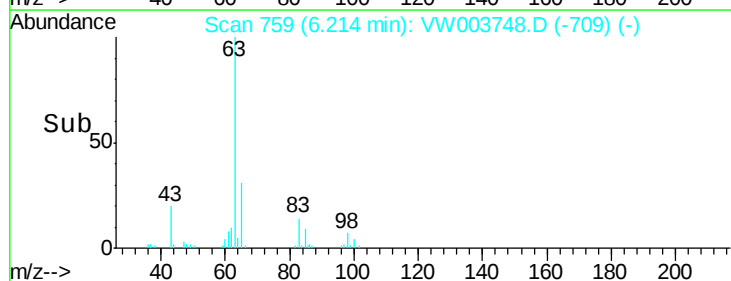
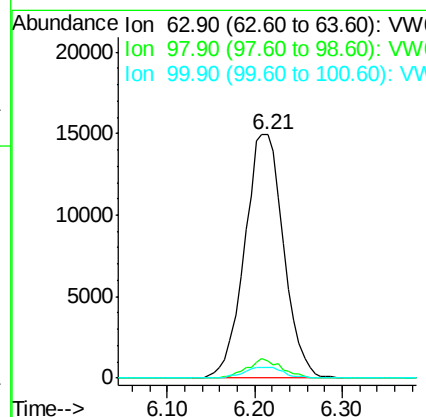
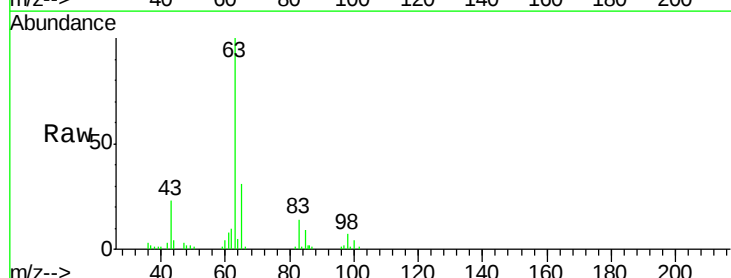
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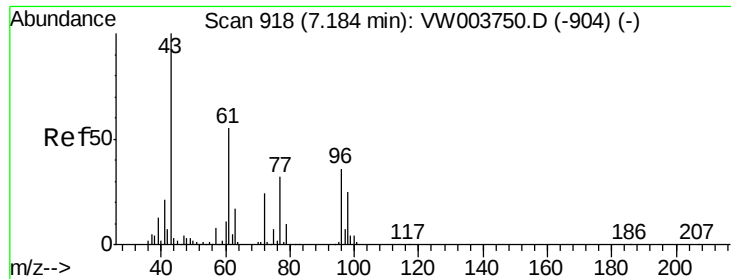
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#24
 1,1-Dichloroethane
 Concen: 11.28 ug/l
 RT: 6.21 min Scan# 759
 Delta R.T. 0.01 min
 Lab File: VW003748.D
 Acq: 06 Jul 2018 23:14

Tgt Ion	Ratio	Lower	Upper
63	100		
98	6.9	3.2	9.6
100	4.1	2.1	6.2





#25

2-Butanone

Concen: 47.84 ug/l

RT: 7.18 min Scan# 918

Delta R.T. -0.00 min

Lab File: VW003748.D

Acq: 06 Jul 2018 23:14

Instrument :

MSVOA_W

ClientSampled :

VSTDIC010

Tot Ion: 43 Resp: 35629

Ion Ratio Lower Upper

43 100

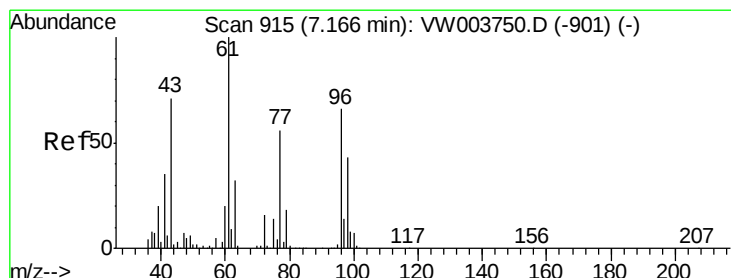
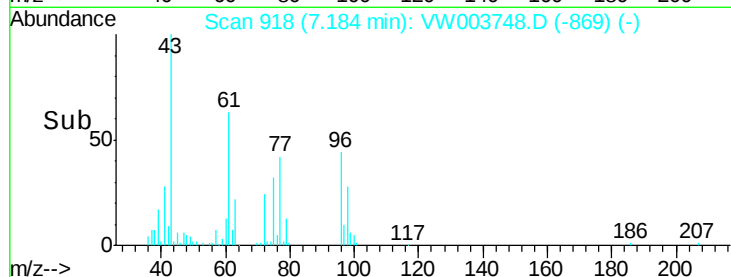
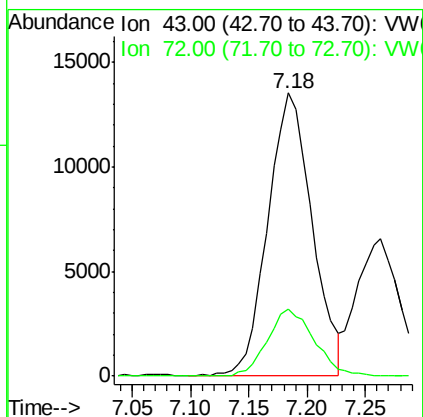
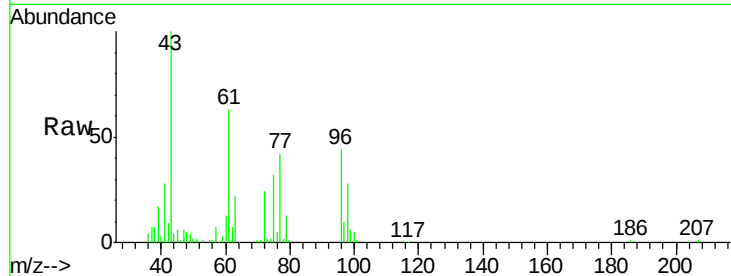
72 23.6 19.4 29.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 10.41 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW003748.D

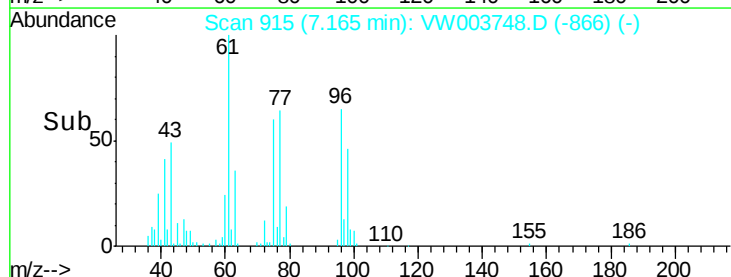
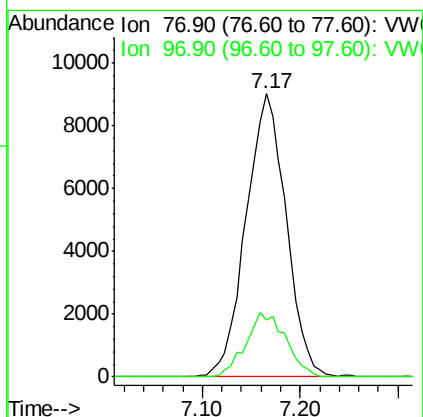
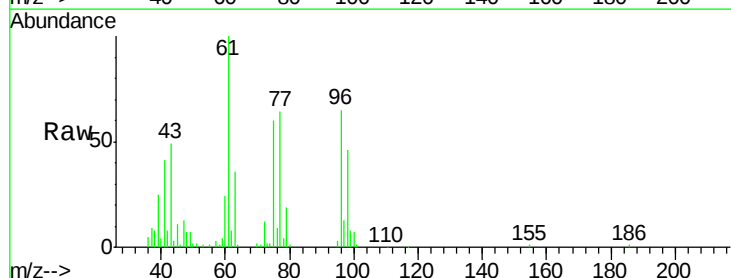
Acq: 06 Jul 2018 23:14

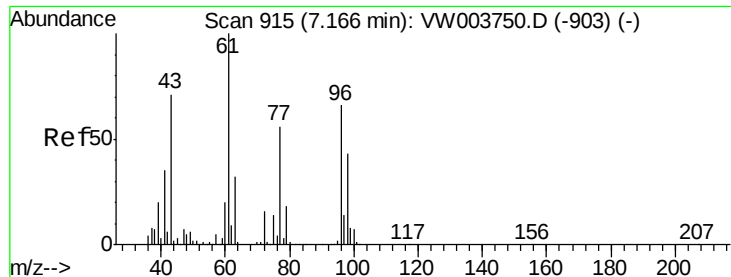
Tgt Ion: 77 Resp: 25659

Ion Ratio Lower Upper

77 100

97 22.6 11.5 34.5





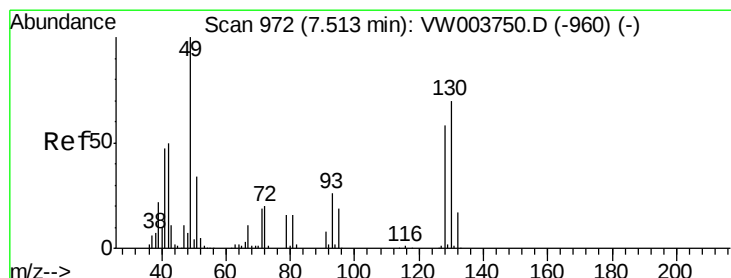
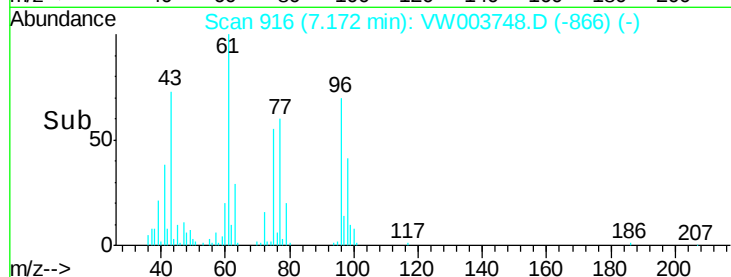
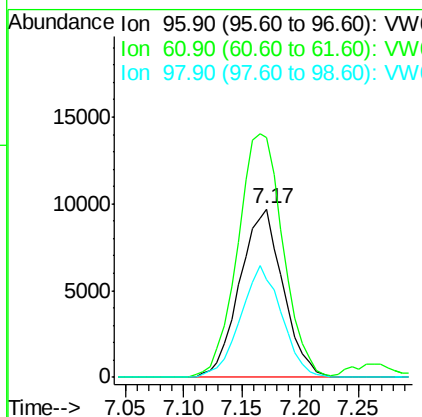
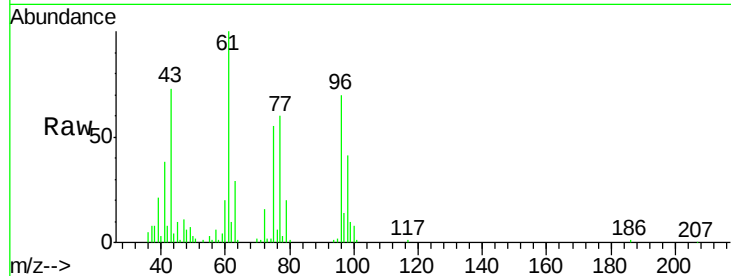
#27
 cis-1,2-Dichloroethene
 Concen: 10.77 ug/l
 RT: 7.17 min Scan# 916
 Delta R.T. 0.01 min
 Lab File: VW003748.D
 Acq: 06 Jul 2018 23:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
96	100	25115		
61	152.2		0.0	300.8
98	63.4		0.0	128.6

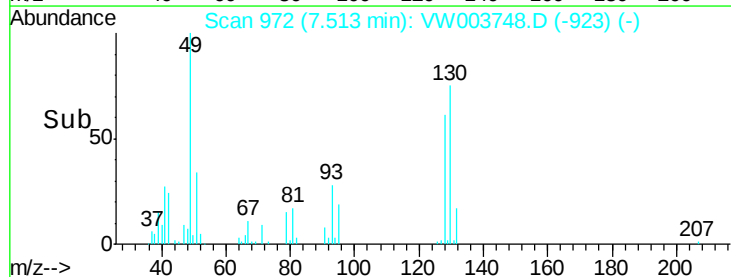
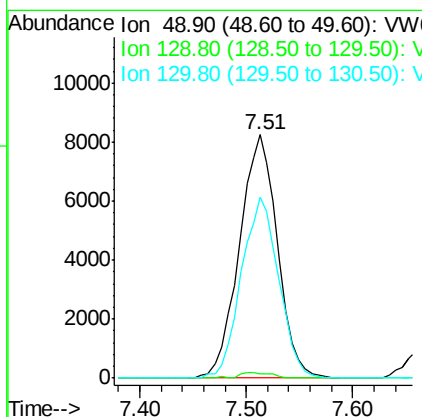
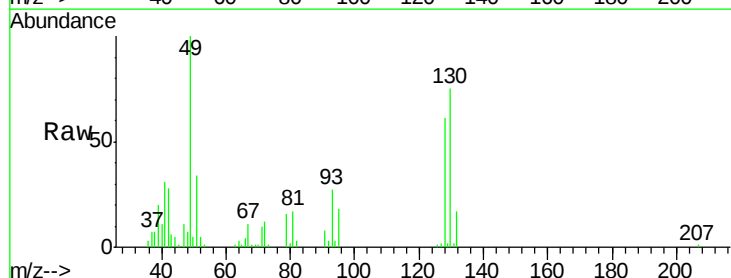
Manual Integrations
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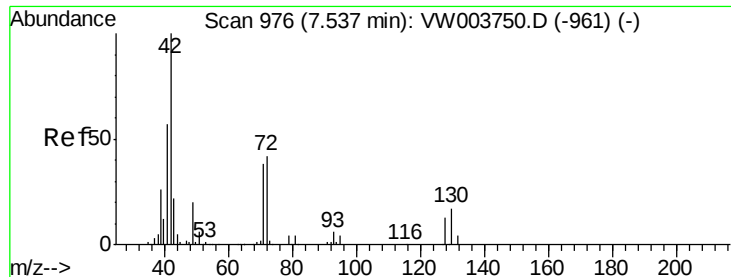
apatel
 7/9/2018 9:50:47 AM



#28
 Bromochloromethane
 Concen: 11.54 ug/l
 RT: 7.51 min Scan# 972
 Delta R.T. -0.00 min
 Lab File: VW003748.D
 Acq: 06 Jul 2018 23:14

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	20628		
129	1.8		0.0	4.4
130	73.0		56.9	85.3





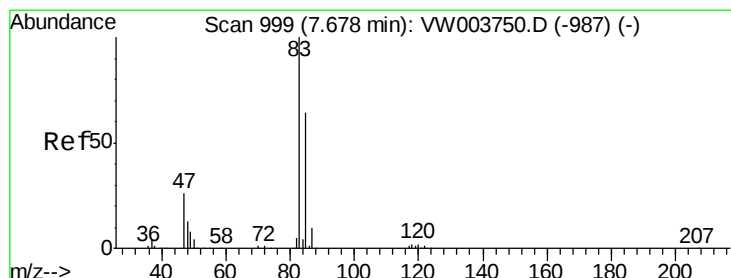
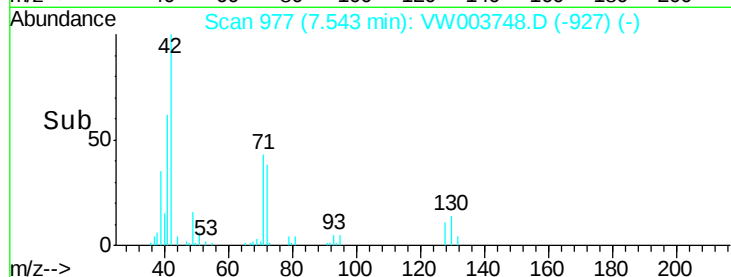
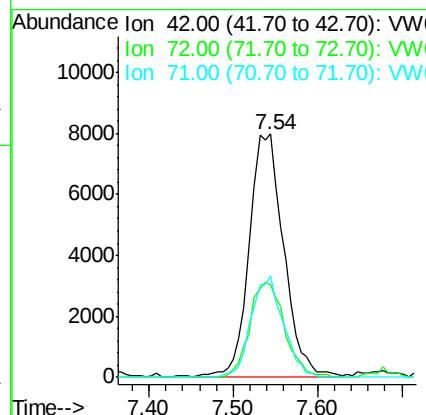
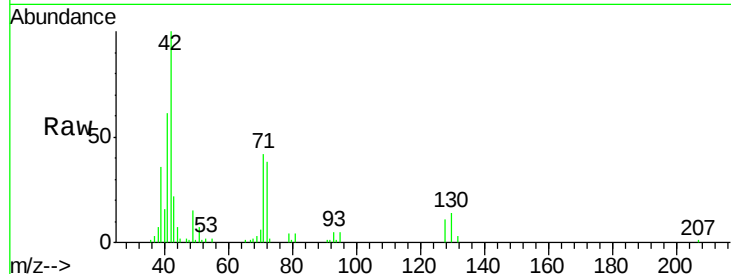
#29
Tetrahydrofuran
Concen: 49.40 ug/l
RT: 7.54 min Scan# 977
Delta R.T. 0.01 min
Lab File: VW003748.D
Acq: 06 Jul 2018 23:14

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.3	31.8	47.8
71	38.6	30.3	45.5

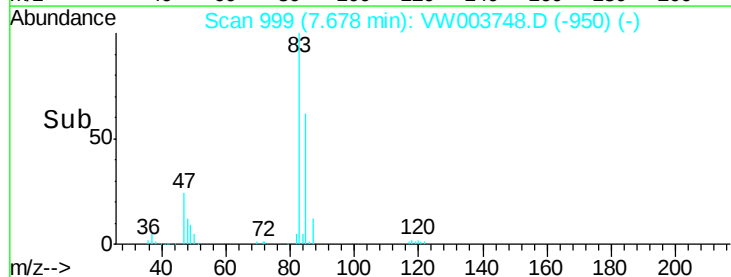
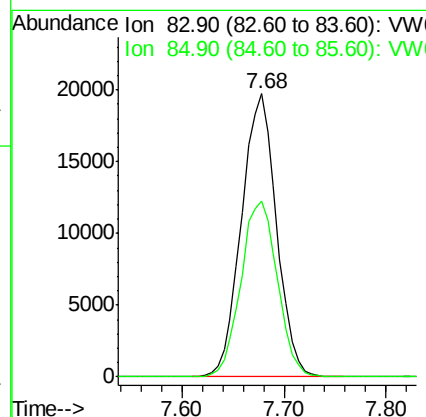
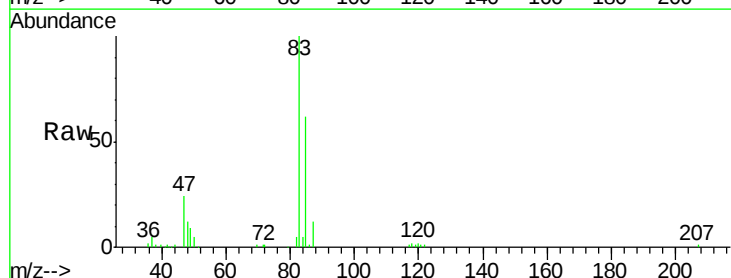
Manual Integrations
APPROVED

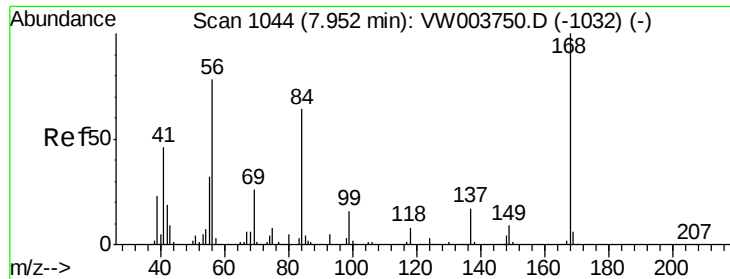
apatel
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#30
Chloroform
Concen: 11.34 ug/l
RT: 7.68 min Scan# 999
Delta R.T. -0.00 min
Lab File: VW003748.D
Acq: 06 Jul 2018 23:14

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.1	51.5	77.3





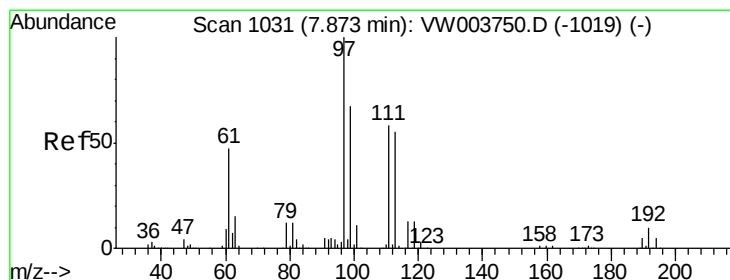
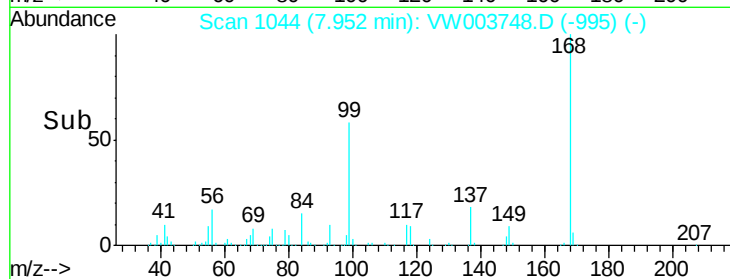
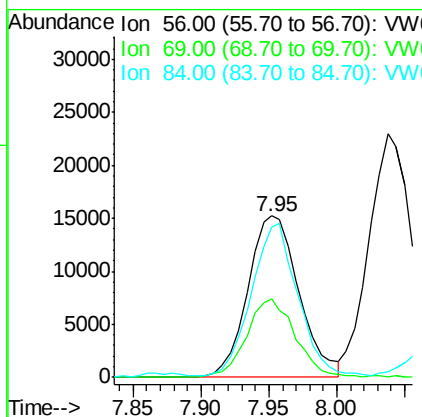
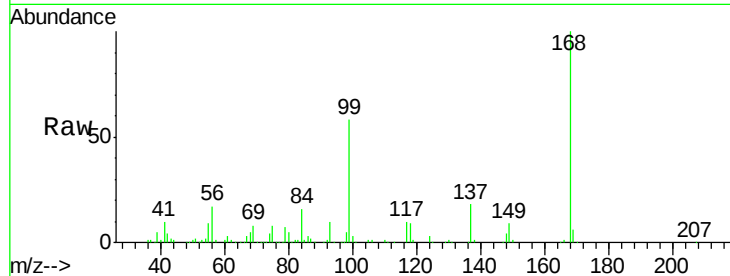
#31
Cyclohexane
Concen: 10.83 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.00 min
Lab File: VW003748.D
Acq: 06 Jul 2018 23:14

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
56	100		
69	48.8	26.2	39.4#
84	92.2	65.5	98.3

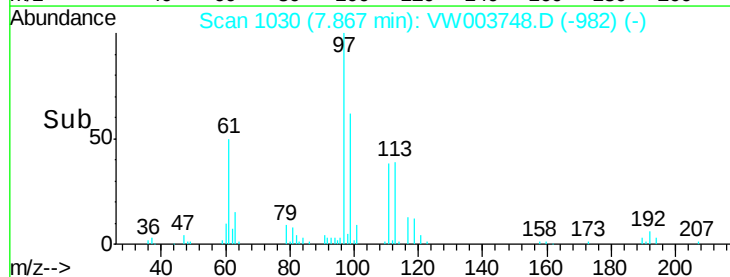
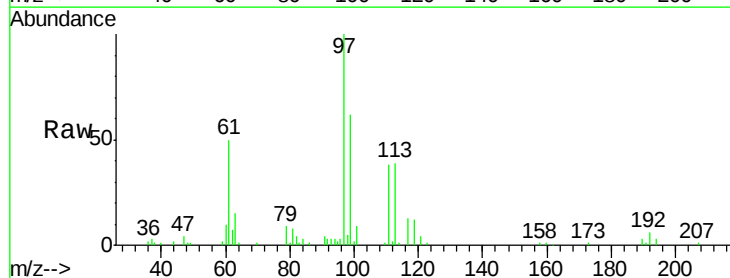
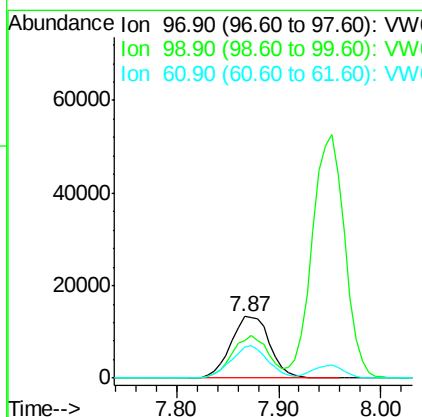
Manual Integrations
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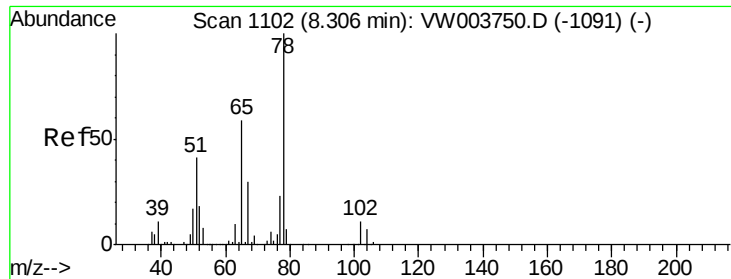
apatel
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#32
1,1,1-Trichloroethane
Concen: 11.02 ug/l
RT: 7.87 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VW003748.D
Acq: 06 Jul 2018 23:14

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.2	76.8
61	49.1	37.6	56.4





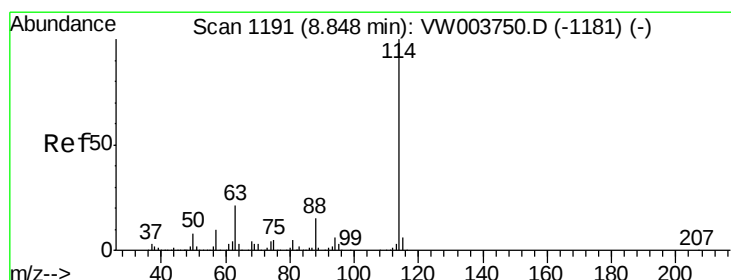
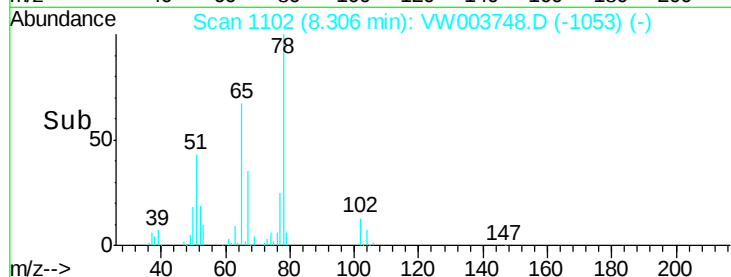
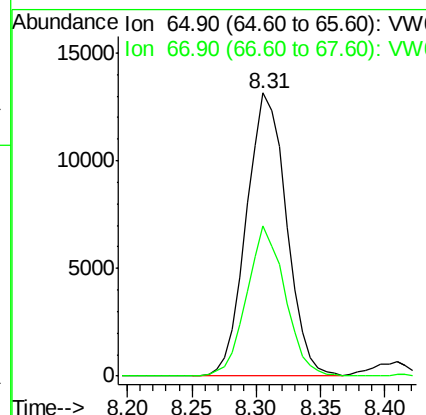
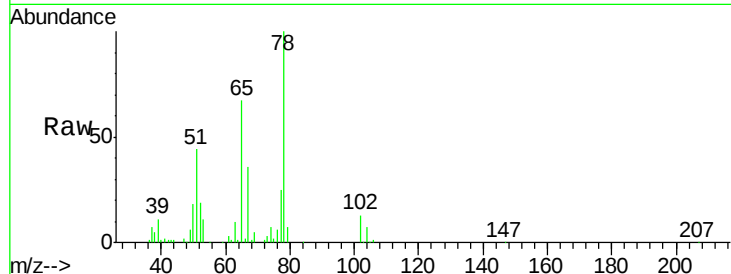
#33
 1,2-Dichloroethane-d4
 Concen: 11.57 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.00 min
 Lab File: VW003748.D
 Acq: 06 Jul 2018 23:14

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
65	100	28319		
67	50.6		0.0	103.8

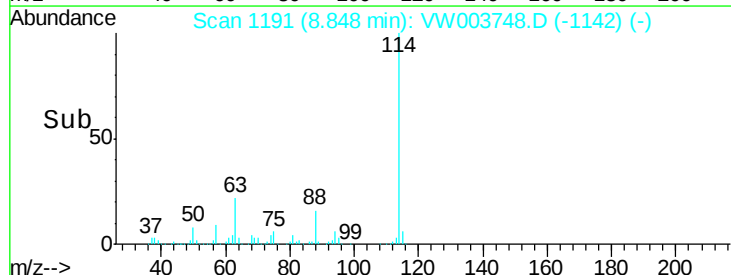
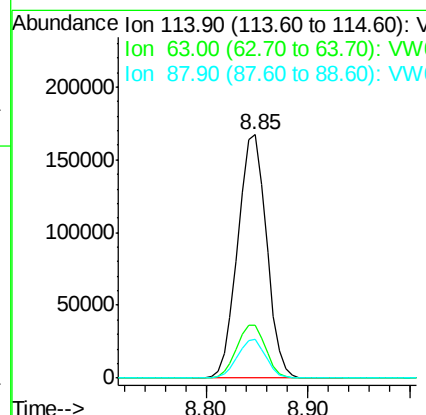
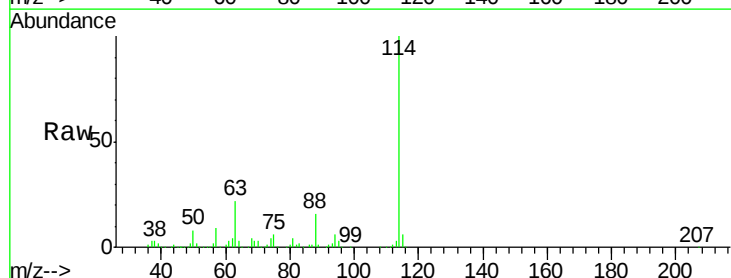
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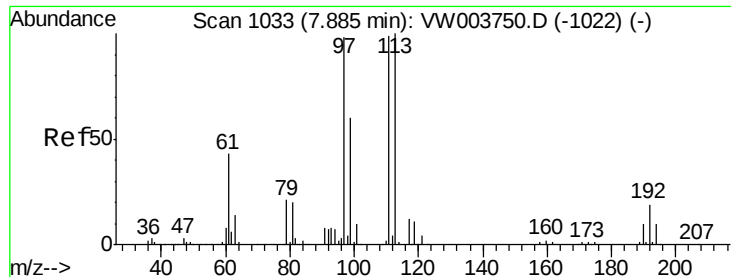
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW003748.D
 Acq: 06 Jul 2018 23:14

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	327218		
63	21.5		0.0	41.8
88	16.0		0.0	30.2





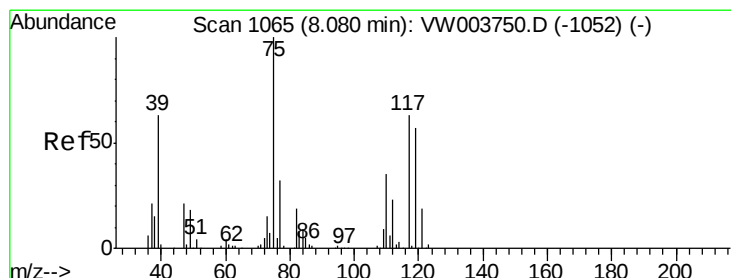
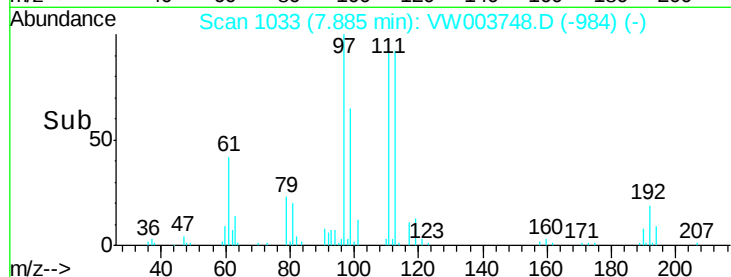
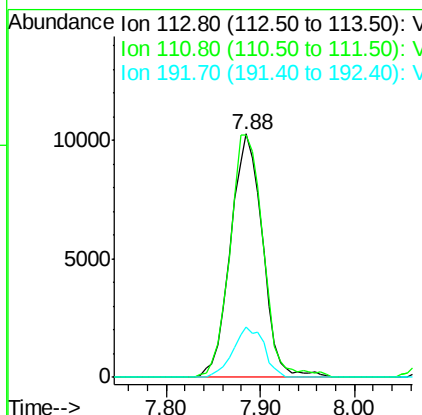
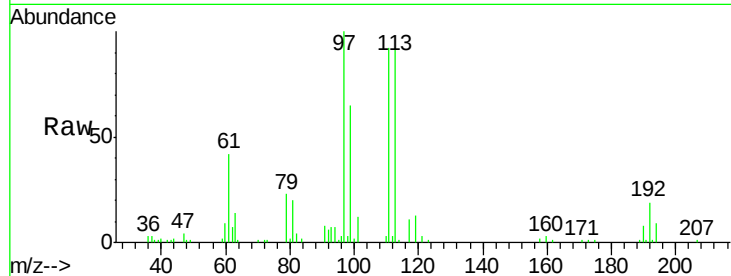
#35
 Dibromofluoromethane
 Concen: 11.24 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW003748.D
 Acq: 06 Jul 2018 23:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.5	81.7	122.5
192	19.9	15.8	23.8

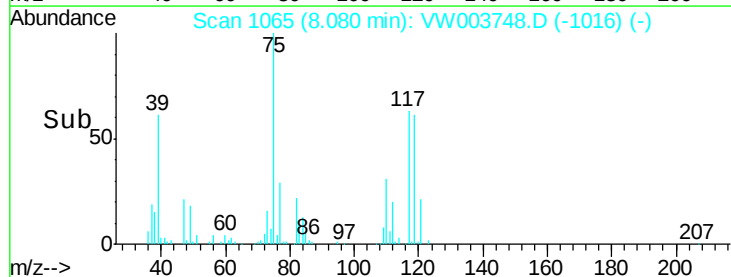
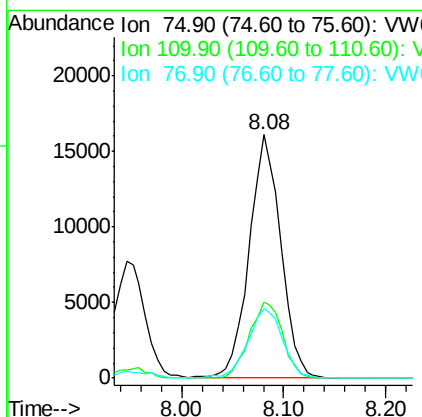
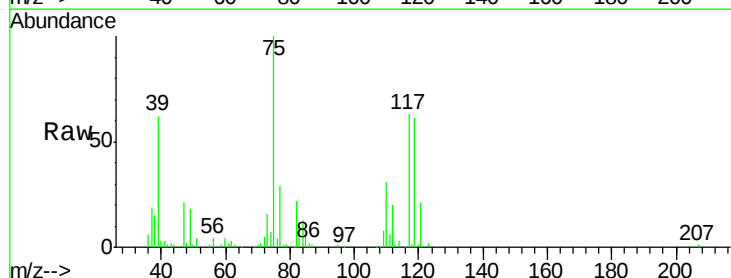
Manual Integrations
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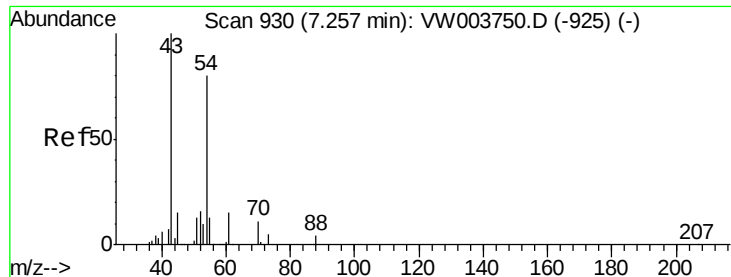
apatel
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#36
 1,1-Dichloropropene
 Concen: 10.50 ug/l
 RT: 8.08 min Scan# 1065
 Delta R.T. -0.00 min
 Lab File: VW003748.D
 Acq: 06 Jul 2018 23:14

Tgt Ion	Ratio	Lower	Upper
75	100		
110	32.9	16.9	50.6
77	31.7	24.8	37.2





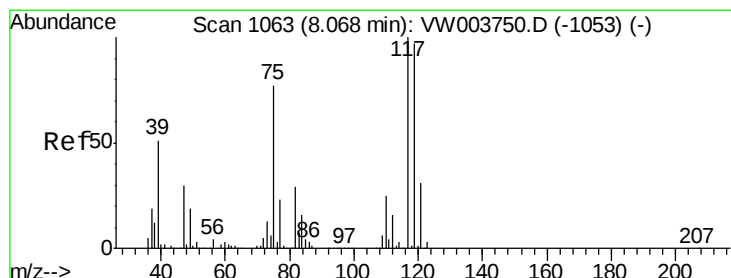
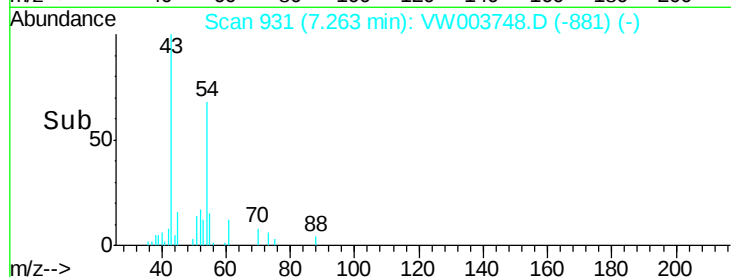
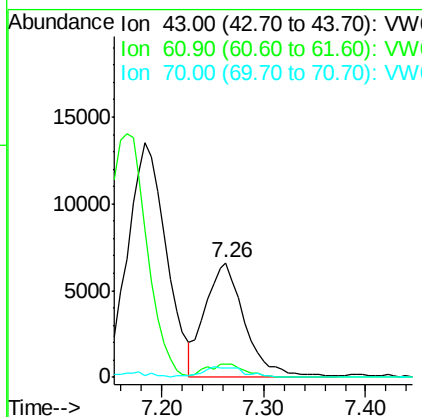
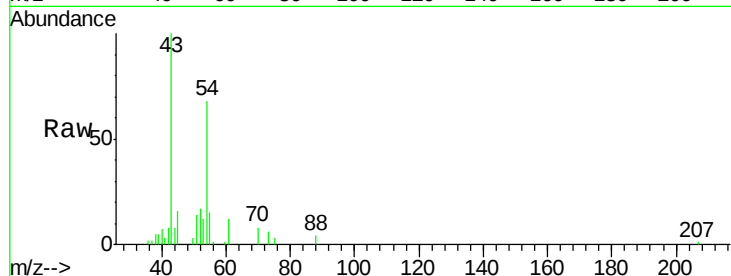
#37
Ethyl Acetate
Concen: 11.03 ug/l
RT: 7.26 min Scan# 931
Delta R.T. 0.01 min
Lab File: VW003748.D
Acq: 06 Jul 2018 23:14

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
43	100		
61	11.6	10.6	15.8
70	9.9	7.5	11.3

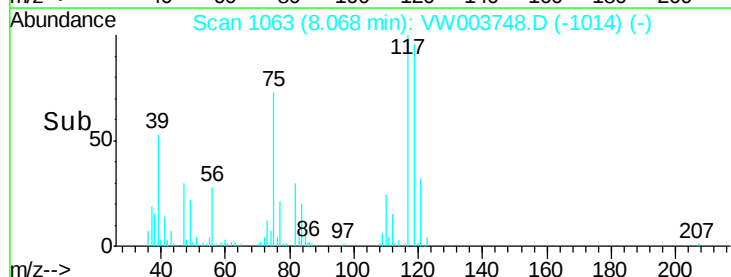
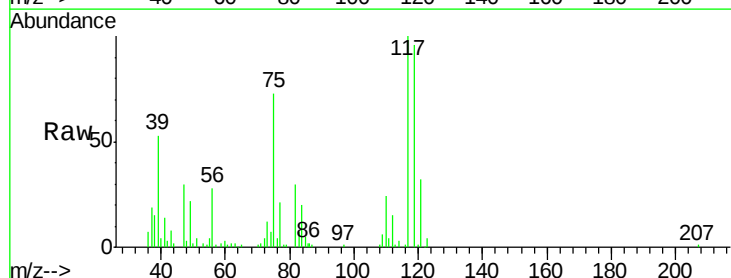
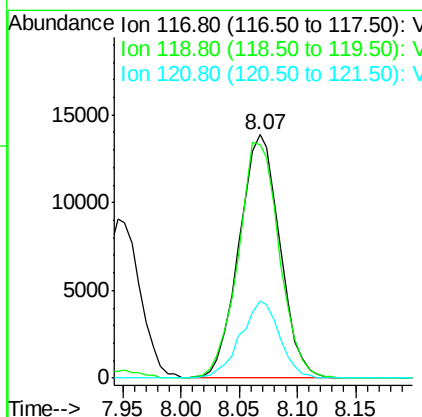
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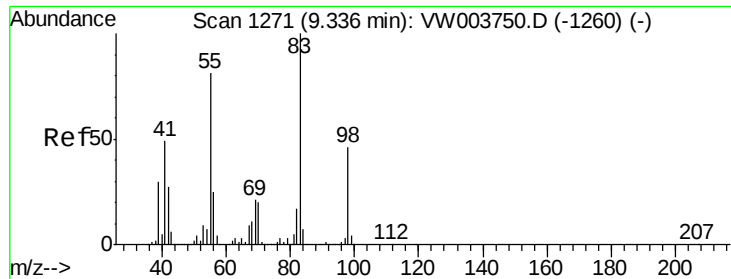
apatel
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#38
Carbon Tetrachloride
Concen: 10.74 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. -0.00 min
Lab File: VW003748.D
Acq: 06 Jul 2018 23:14

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.9	77.4	116.2
121	31.8	24.6	37.0





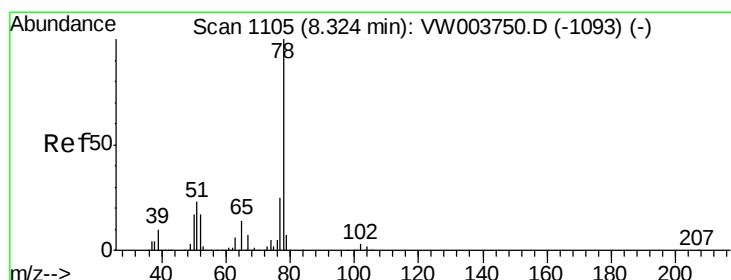
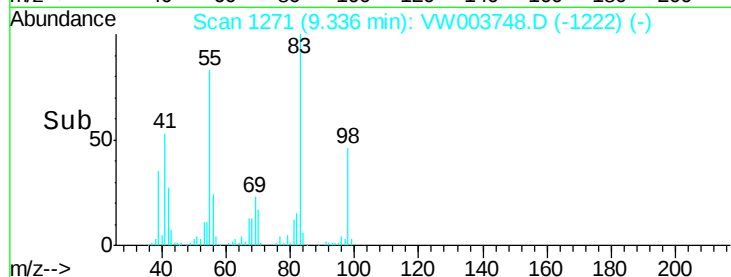
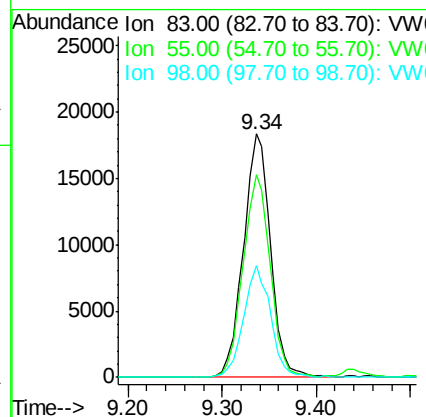
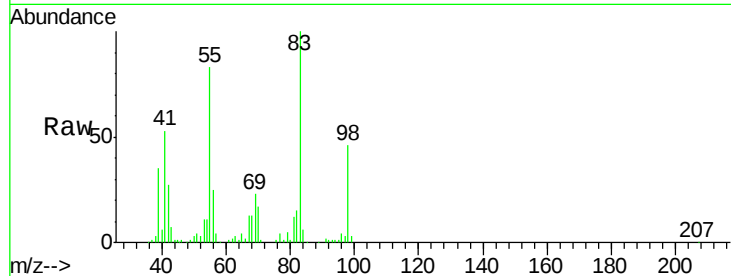
#39
Methvlcvclohexane
Concen: 9.72 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VW003748.D
Acq: 06 Jul 2018 23:14

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
83	100		
55	83.5	65.1	97.7
98	46.0	36.7	55.1

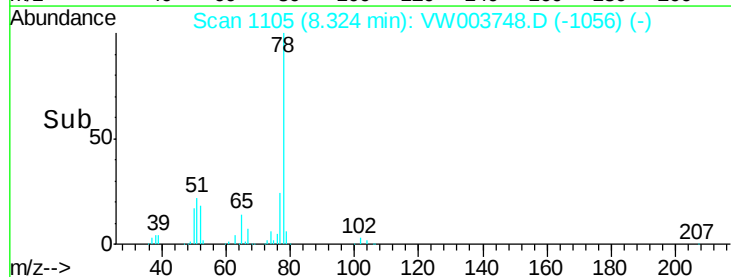
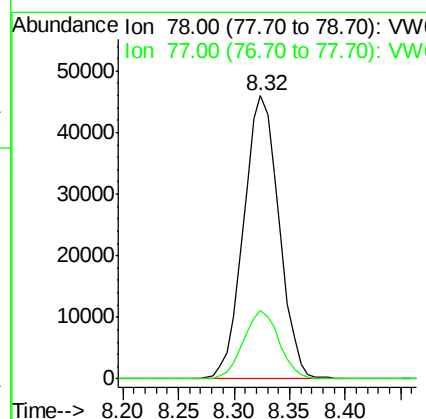
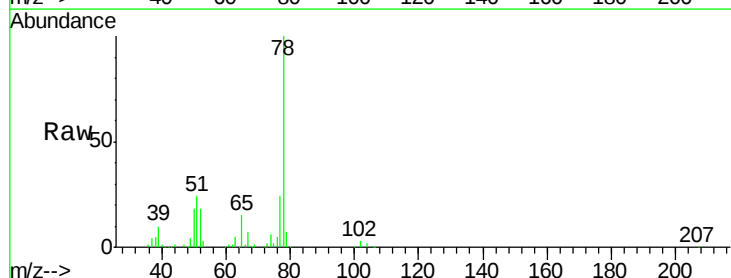
Manual Integrations
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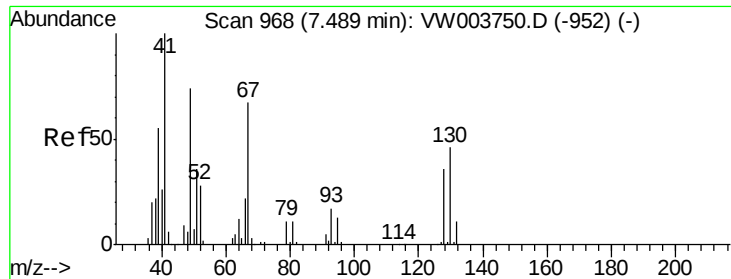
apatel
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#40
Benzene
Concen: 10.89 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VW003748.D
Acq: 06 Jul 2018 23:14

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.7	29.5





#41

Methacrylonitrile

Concen: 10.62 ug/l

RT: 7.49 min Scan# 968

Delta R.T. -0.00 min

Lab File: VW003748.D

Acq: 06 Jul 2018 23:14

Instrument :

MSVOA_W

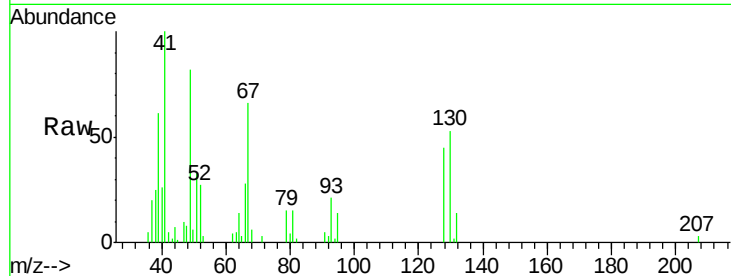
ClientSampled :

VSTDIC010

Tot Ion:	41	Resp:	9858
Ion	Ratio	Lower	Upper
41	100		
39	58.7	49.5	74.3
67	64.0	53.8	80.8
52	29.3	24.3	36.5

Manual Integrations
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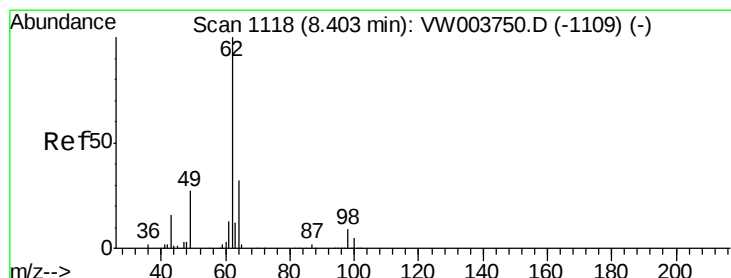
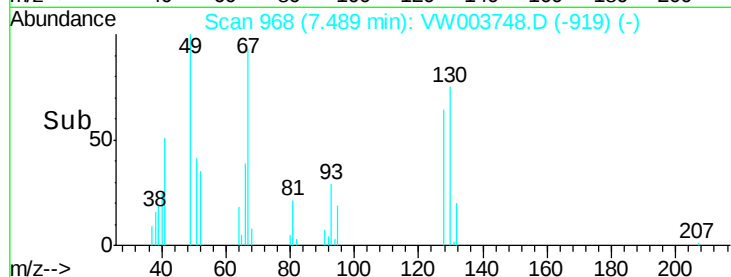
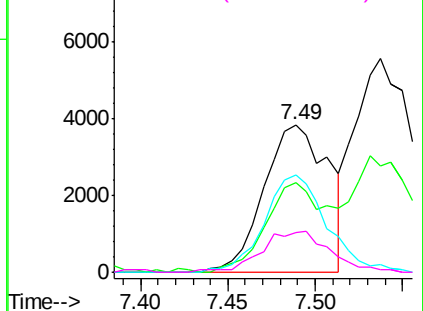
Abundance

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 11.12 ug/l

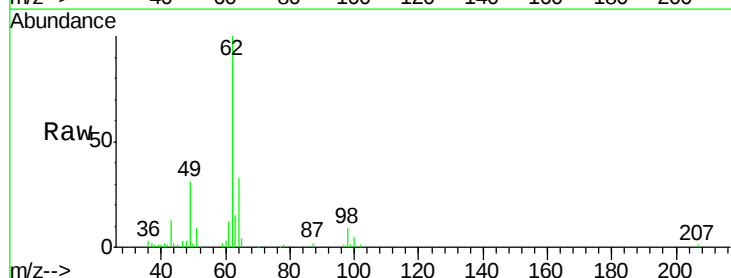
RT: 8.40 min Scan# 1118

Delta R.T. -0.00 min

Lab File: VW003748.D

Acq: 06 Jul 2018 23:14

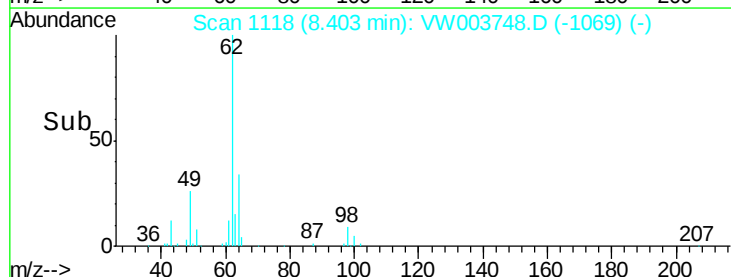
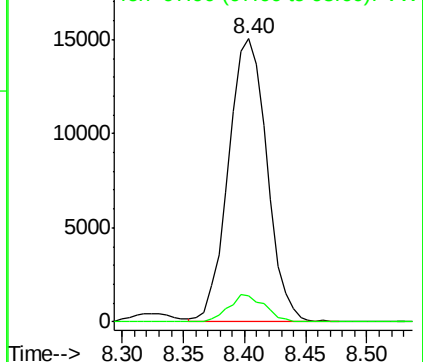
Tgt Ion:	62	Resp:	32939
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	16.4

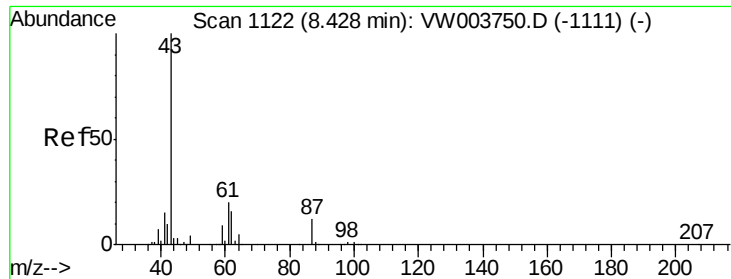


Abundance

Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 10.52 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. 0.01 min

Lab File: VW003748.D

Acq: 06 Jul 2018 23:14

Instrument :

MSVOA_W

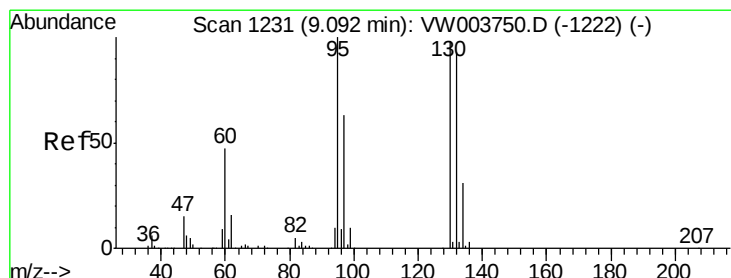
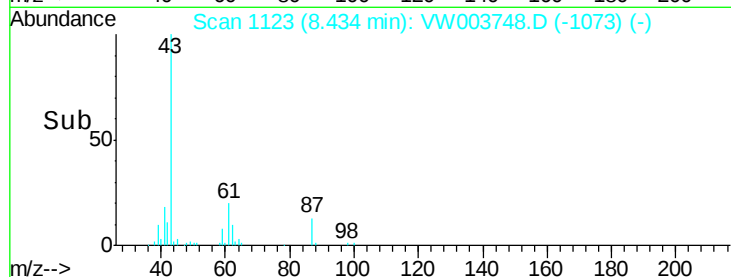
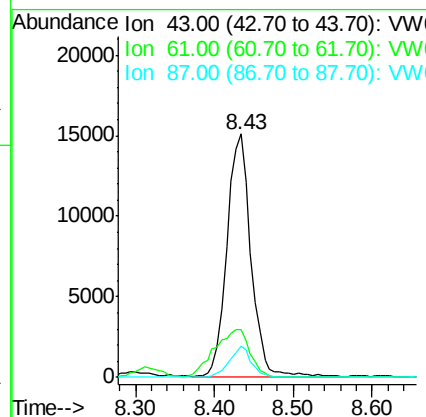
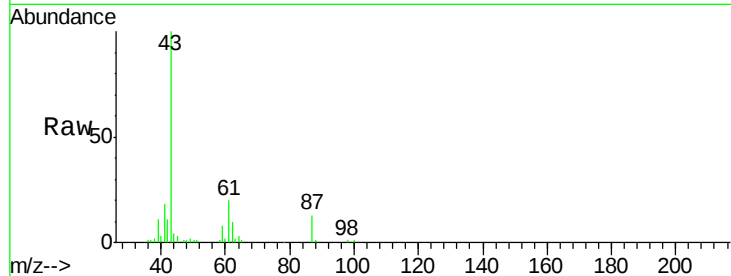
ClientSampled :

VSTDIC010

Tot Ion:	43	Resp:	32359
Ion	Ratio	Lower	Upper
43	100		
61	28.4	22.8	34.2
87	11.4	9.5	14.3

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#44

Trichloroethene

Concen: 11.01 ug/l

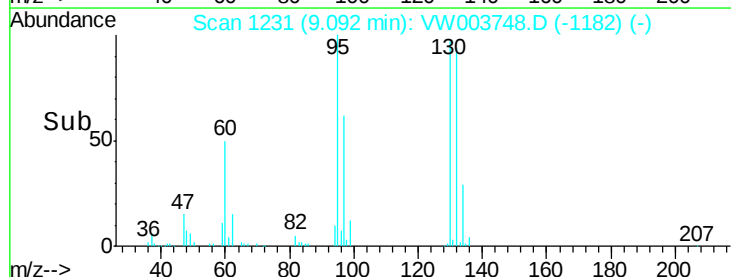
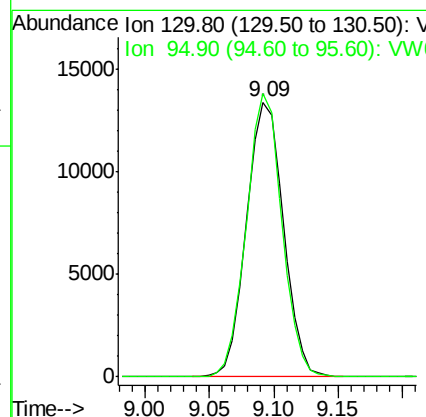
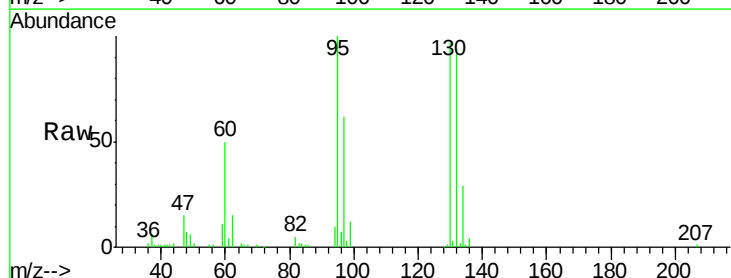
RT: 9.09 min Scan# 1231

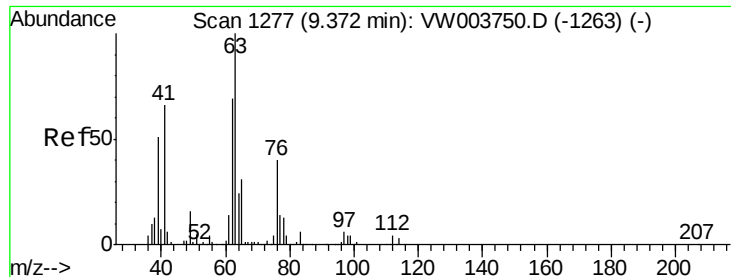
Delta R.T. -0.00 min

Lab File: VW003748.D

Acq: 06 Jul 2018 23:14

Tgt Ion:	130	Resp:	26544
Ion	Ratio	Lower	Upper
130	100		
95	103.1	0.0	203.8





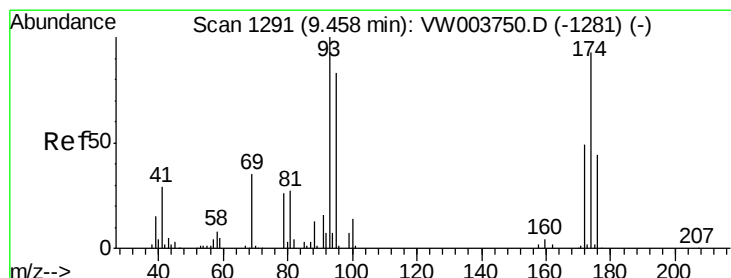
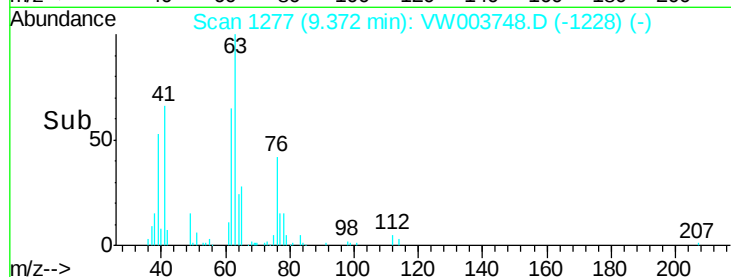
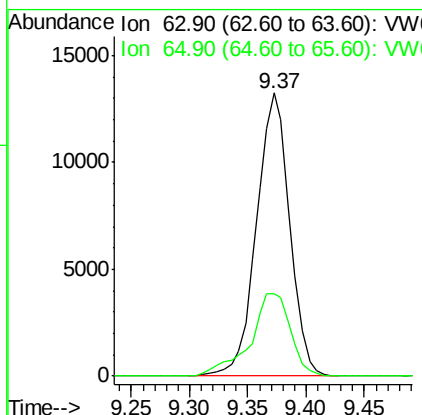
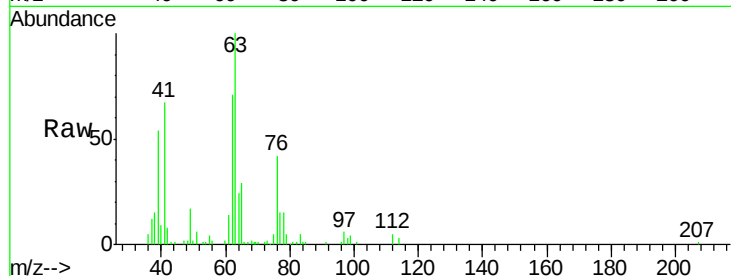
#45
 1,2-Dichloropropane
 Concen: 10.80 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: VW003748.D
 Acq: 06 Jul 2018 23:14

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC010

Tot Ion	63	Resp	26248
Ion Ratio	Lower	Upper	
63	100		
65	29.0	24.9	37.3

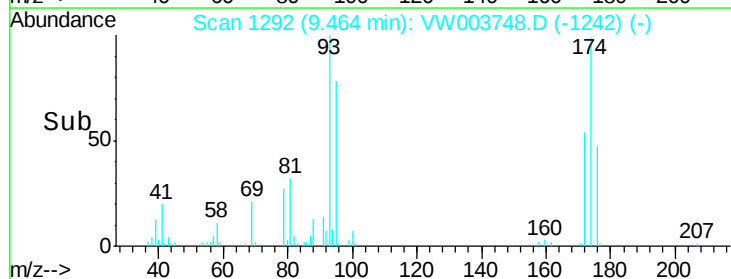
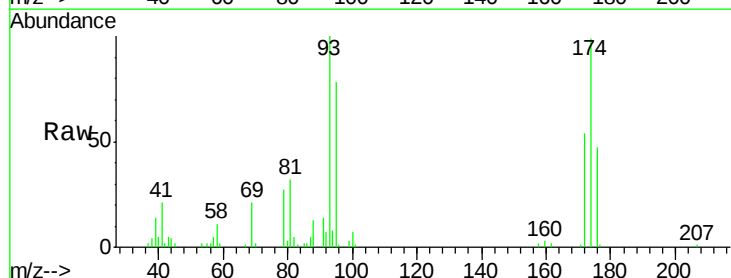
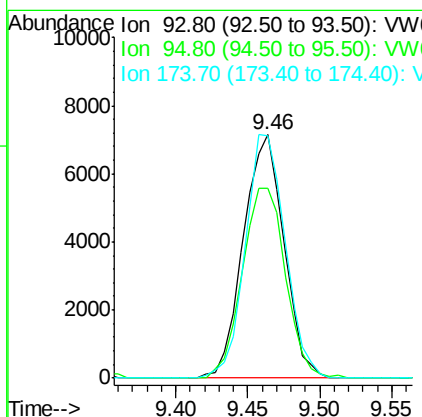
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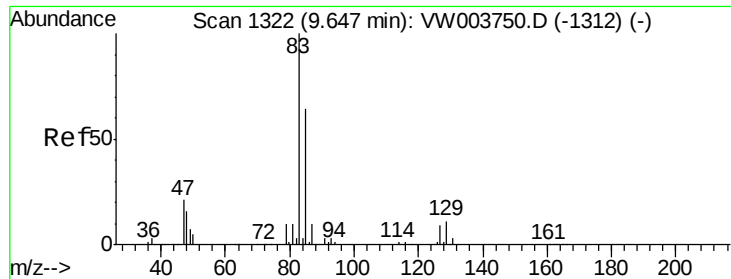
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 7/9/2018 9:50:47 AM



#46
 Dibromomethane
 Concen: 10.99 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. 0.01 min
 Lab File: VW003748.D
 Acq: 06 Jul 2018 23:14

Tgt Ion	93	Resp	13935
Ion Ratio	Lower	Upper	
93	100		
95	82.9	67.2	100.8
174	98.2	78.1	117.1





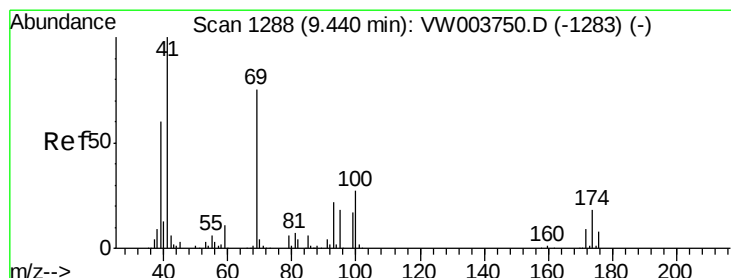
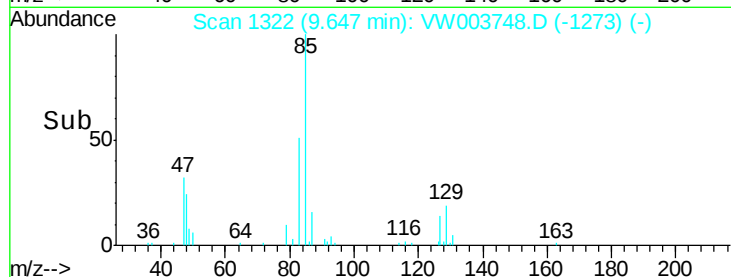
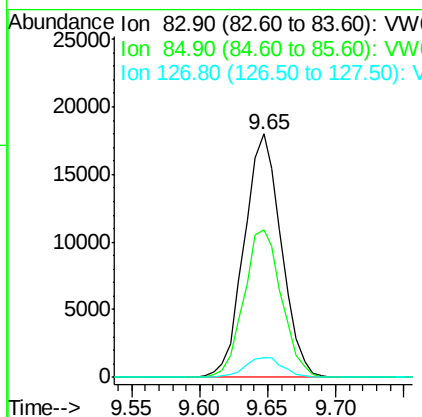
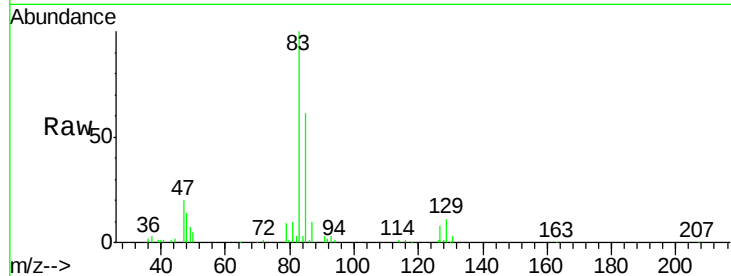
#47
Bromodichloromethane
Concen: 10.98 ug/l
RT: 9.65 min Scan# 1322
Delta R.T. -0.00 min
Lab File: VW003748.D
Acq: 06 Jul 2018 23:14

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	83	Resp	34258
Ion Ratio	100		
85	60.7	51.4	77.0
127	8.2	6.8	10.2

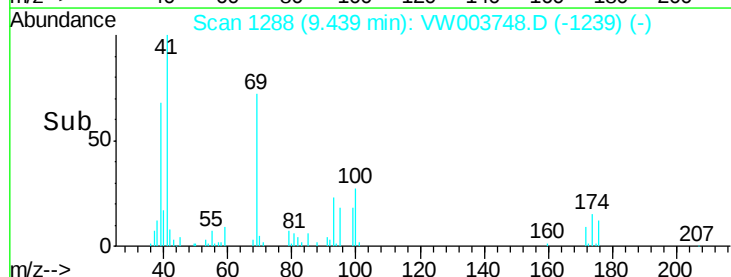
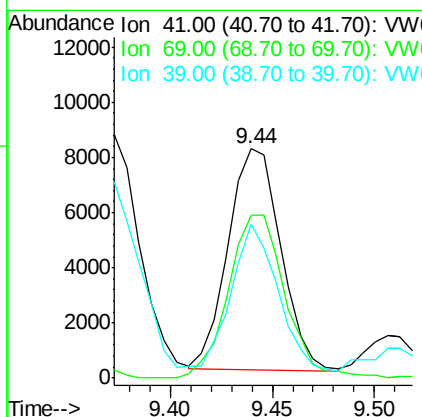
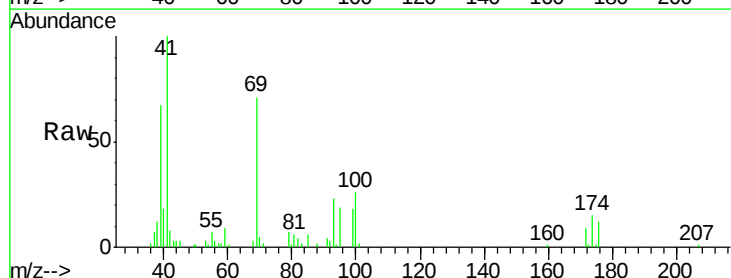
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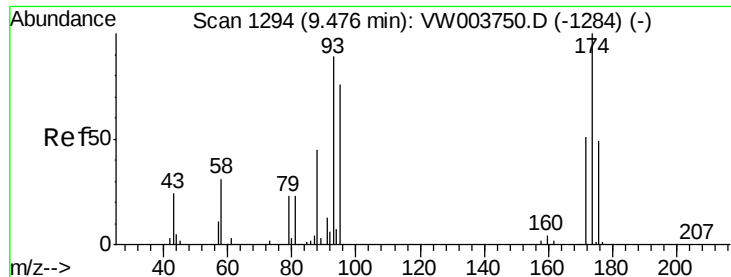
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#48
Methyl methacrylate
Concen: 9.87 ug/l
RT: 9.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VW003748.D
Acq: 06 Jul 2018 23:14

Tgt Ion	41	Resp	14437
Ion Ratio	100		
69	79.2	63.8	95.8
39	64.8	50.2	75.2





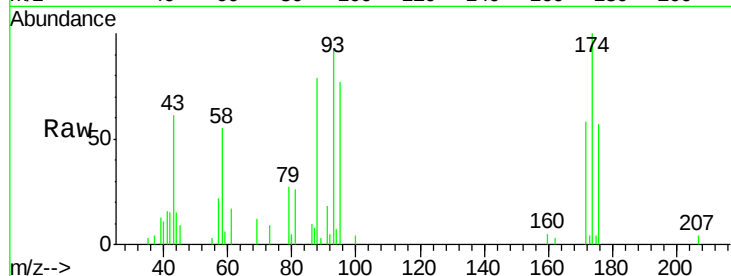
#49
1,4-Dioxane
Concen: 209.38 ug/l
RT: 9.48 min Scan# 1295
Delta R.T. 0.01 min
Lab File: VW003748.D
Acq: 06 Jul 2018 23:14

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

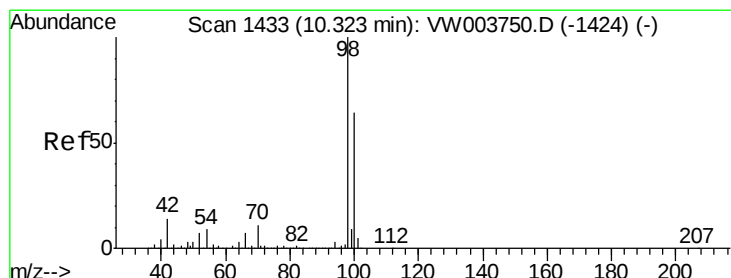
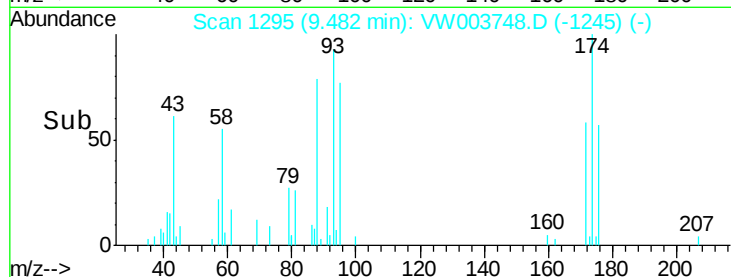
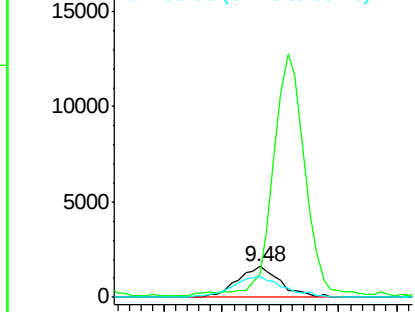
Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	81.0	59.7	89.5

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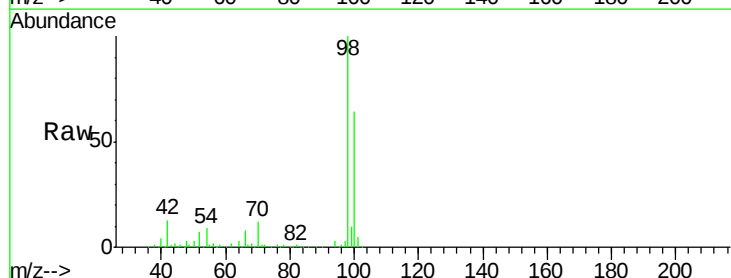


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

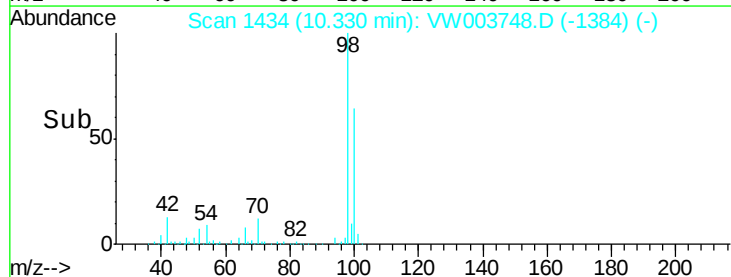
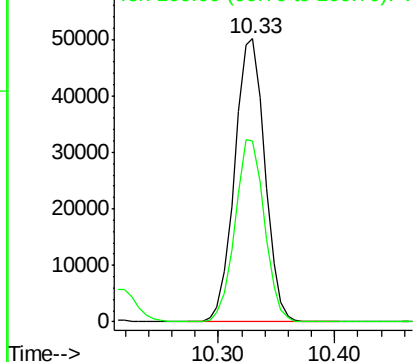


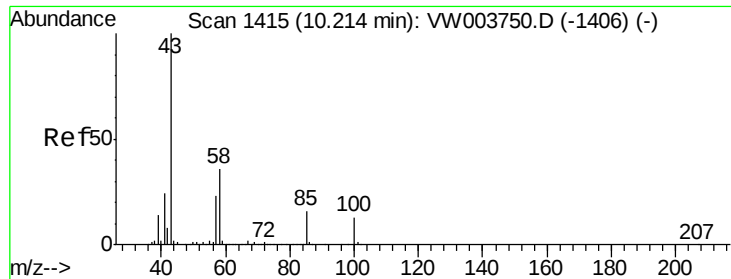
#50
Toluene-d8
Concen: 10.74 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.01 min
Lab File: VW003748.D
Acq: 06 Jul 2018 23:14

Tgt Ion	Ratio	Lower	Upper
98	100		
100	62.9	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: 49.09 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. -0.00 min

Lab File: VW003748.D

Acq: 06 Jul 2018 23:14

Instrument :

MSVOA_W

ClientSampled :

VSTDIC010

Tot Ion: 43 Resp: 79818

Ion Ratio Lower Upper

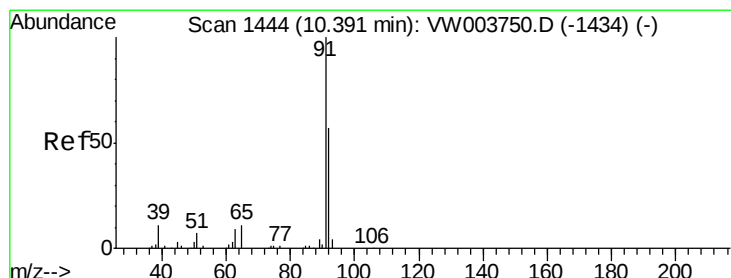
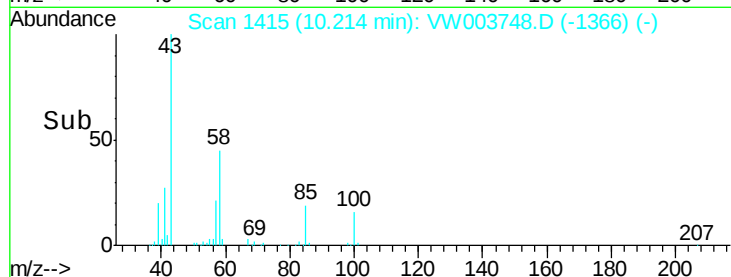
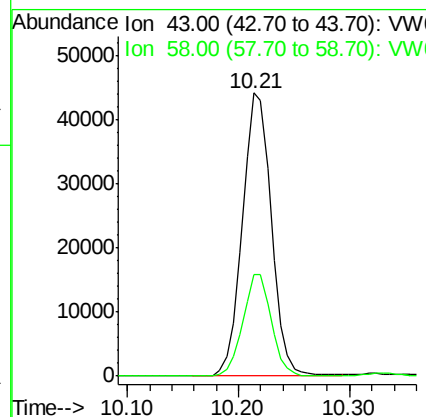
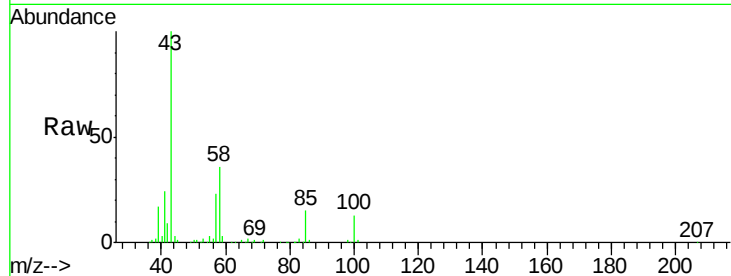
43 100

58 35.2 29.3 43.9

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#52

Toluene

Concen: 10.65 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. -0.00 min

Lab File: VW003748.D

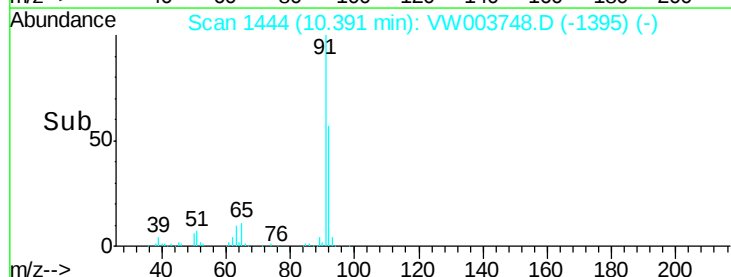
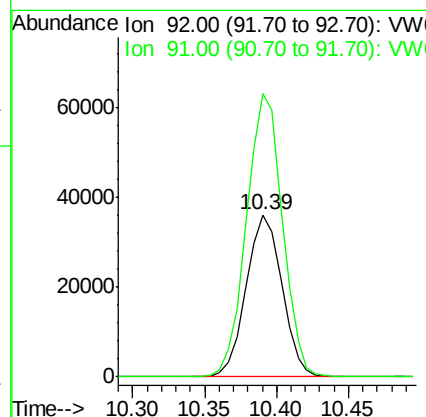
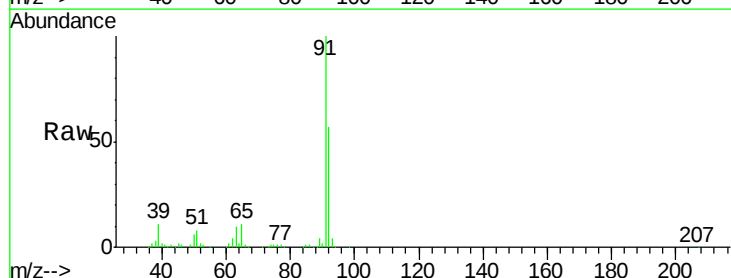
Acq: 06 Jul 2018 23:14

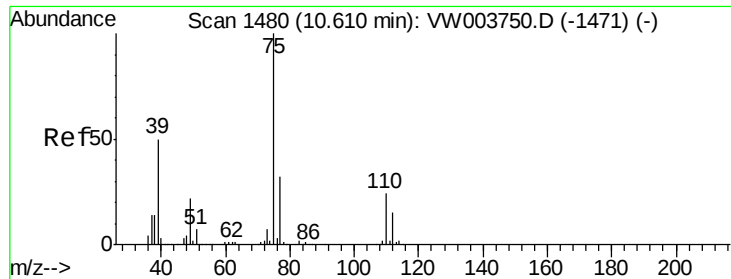
Tgt Ion: 92 Resp: 62023

Ion Ratio Lower Upper

92 100

91 175.7 140.6 211.0





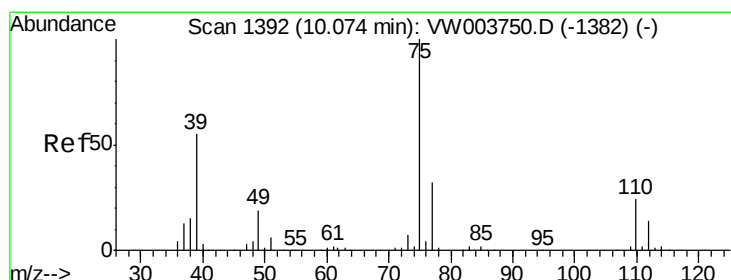
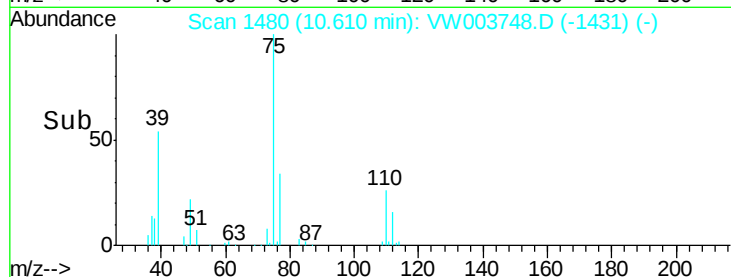
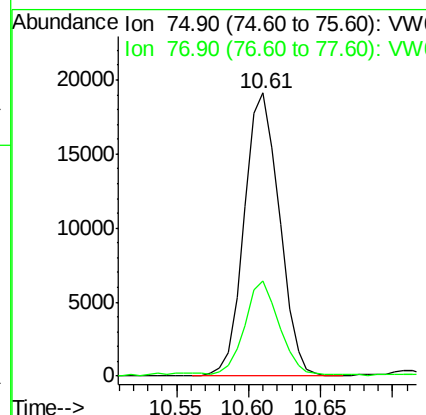
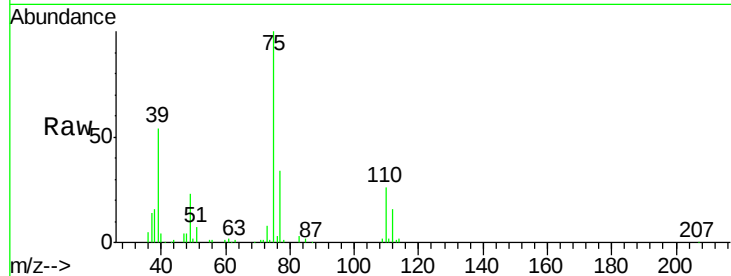
#53
t-1,3-Dichloropropene
Concen: 10.04 ug/l
RT: 10.61 min Scan# 1480
Delta R.T. -0.00 min
Lab File: VW003748.D
Acq: 06 Jul 2018 23:14

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

Tot Ion: 75 Resp: 32411
Ion Ratio Lower Upper
75 100
77 33.0 25.5 38.3

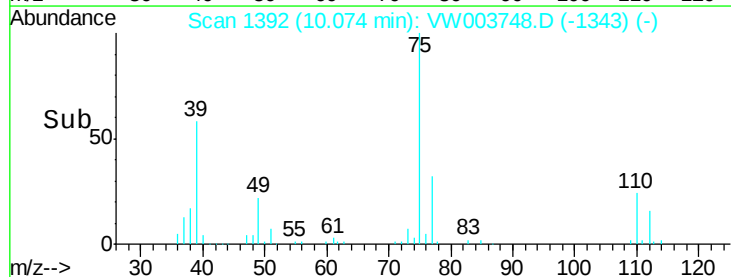
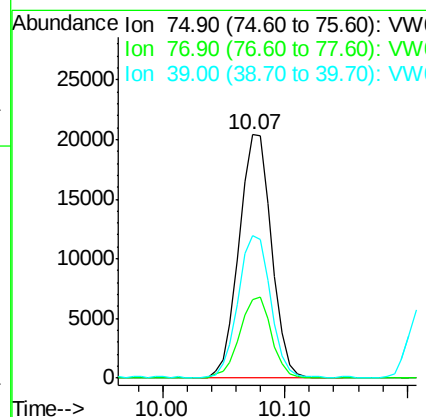
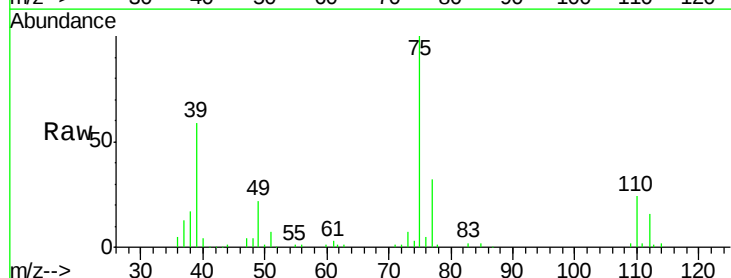
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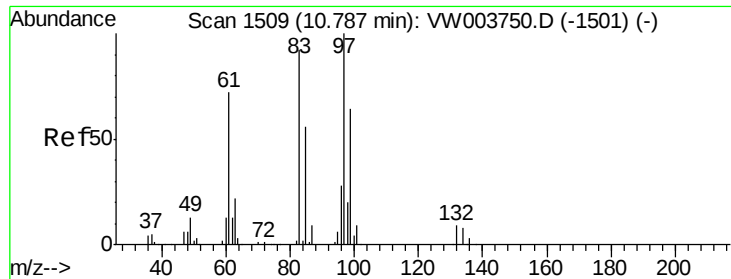
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#54
cis-1,3-Dichloropropene
Concen: 10.28 ug/l
RT: 10.07 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW003748.D
Acq: 06 Jul 2018 23:14

Tgt Ion: 75 Resp: 37522
Ion Ratio Lower Upper
75 100
77 32.2 25.6 38.4
39 58.5 43.6 65.4





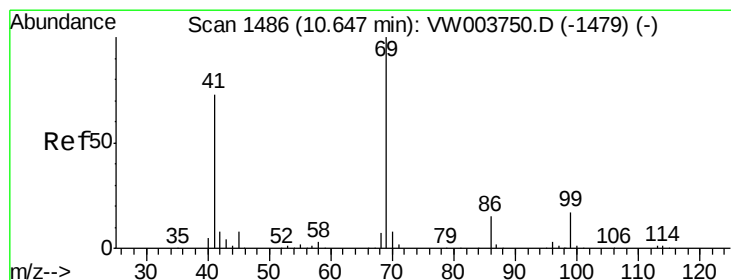
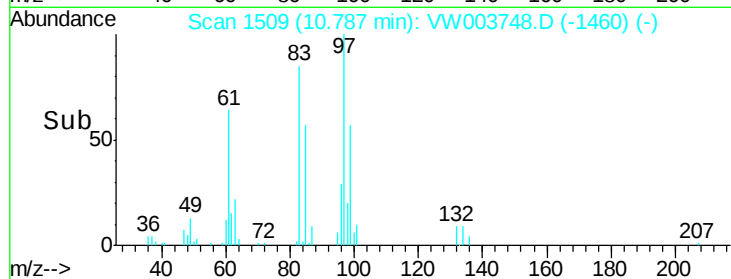
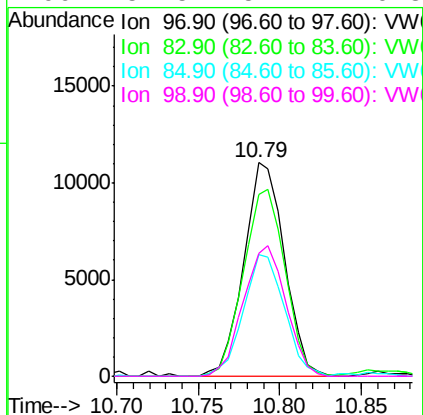
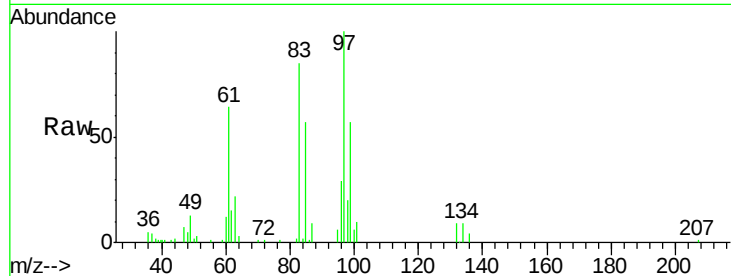
#55
 1,1,2-Trichloroethane
 Concen: 10.78 ug/l
 RT: 10.79 min Scan# 1509
 Delta R.T. -0.00 min
 Lab File: VW003748.D
 Acq: 06 Jul 2018 23:14

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC010

Tot Ion:	97	Resp:	19217
Ion	Ratio	Lower	Upper
97	100		
83	85.0	73.8	110.6
85	57.2	45.0	67.4
99	57.5	51.2	76.8

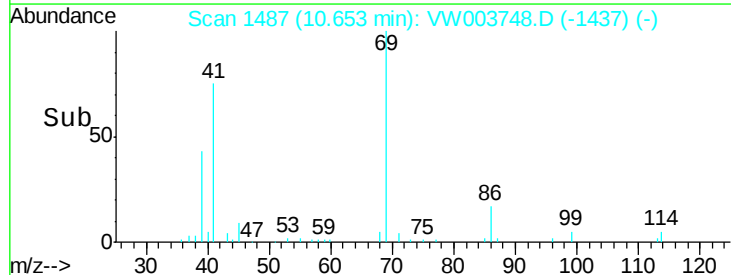
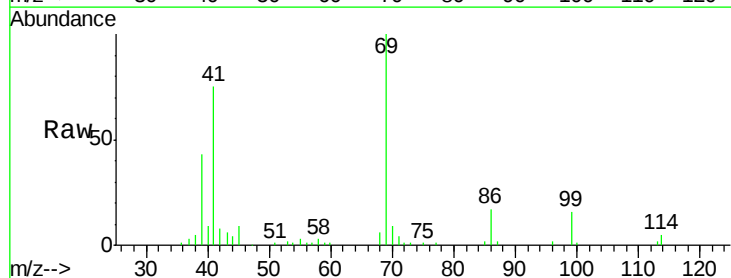
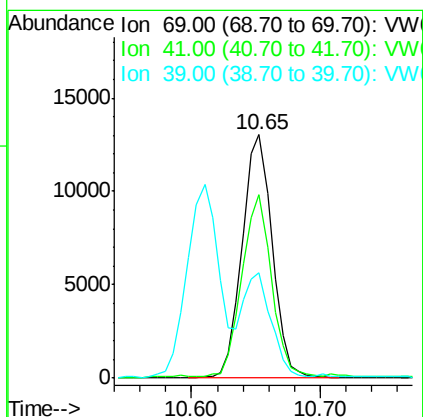
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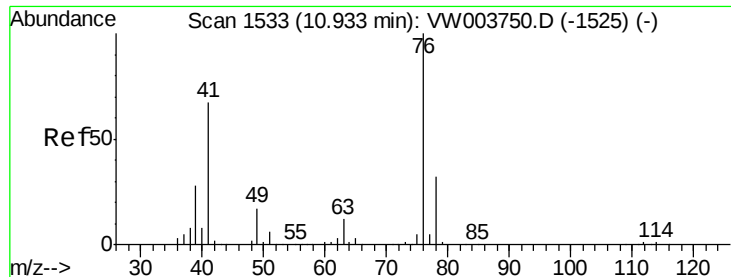
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#56
 Ethyl methacrylate
 Concen: 9.38 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.01 min
 Lab File: VW003748.D
 Acq: 06 Jul 2018 23:14

Tgt Ion:	69	Resp:	21059
Ion	Ratio	Lower	Upper
69	100		
41	73.1	59.0	88.4
39	38.2	32.8	49.2





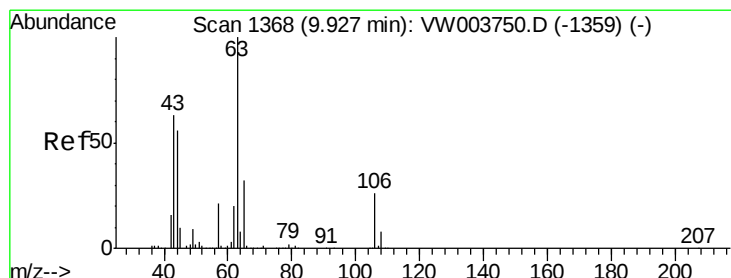
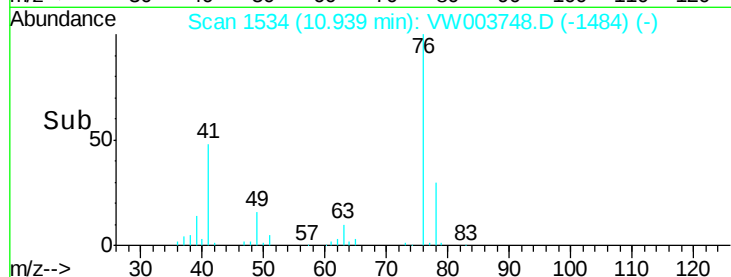
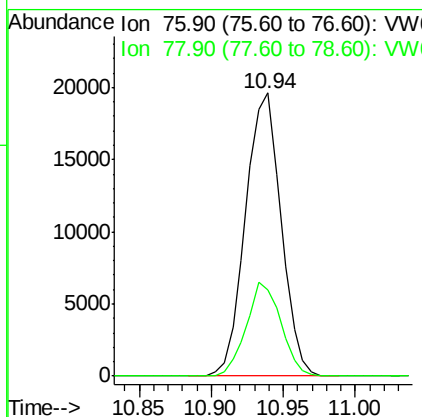
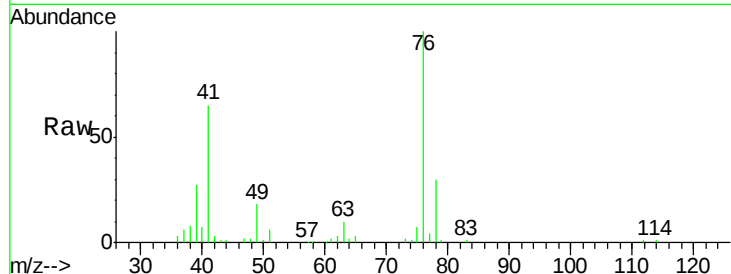
#57
 1,3-Dichloropropane
 Concen: 10.81 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.01 min
 Lab File: VW003748.D
 Acq: 06 Jul 2018 23:14

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC010

Tot Ion: 76 Resp: 33523
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.6 38.4

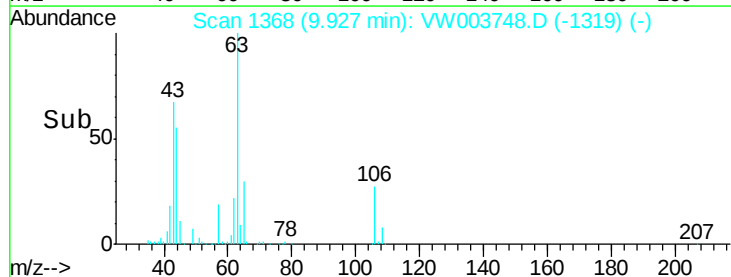
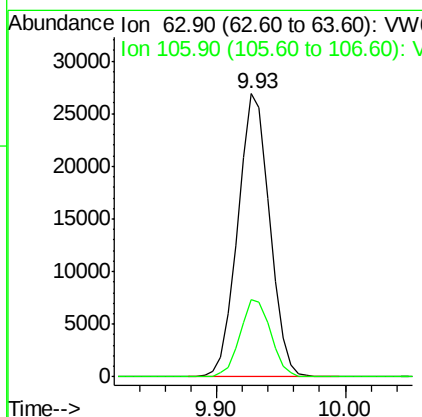
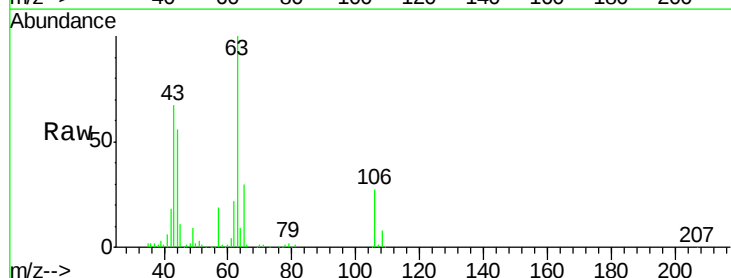
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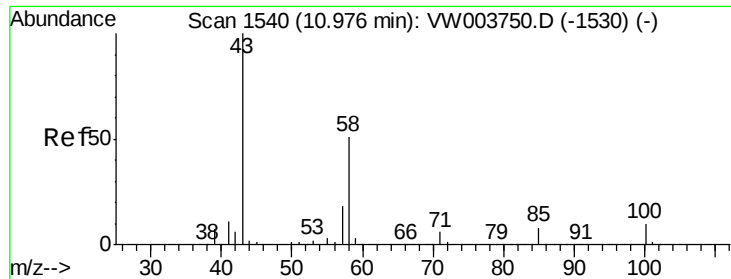
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#58
 2-Chloroethyl Vinyl ether
 Concen: 46.12 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. -0.00 min
 Lab File: VW003748.D
 Acq: 06 Jul 2018 23:14

Tgt Ion: 63 Resp: 45990
 Ion Ratio Lower Upper
 63 100
 106 26.3 20.9 31.3





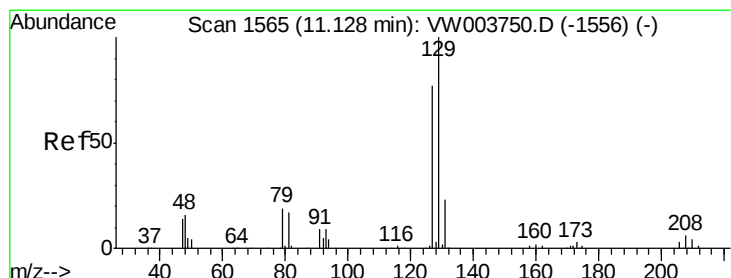
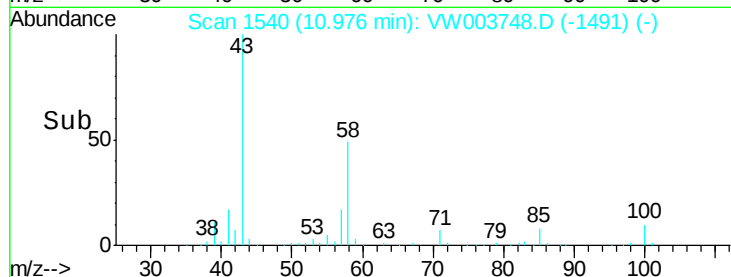
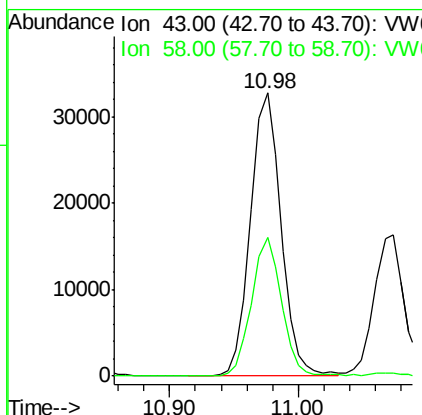
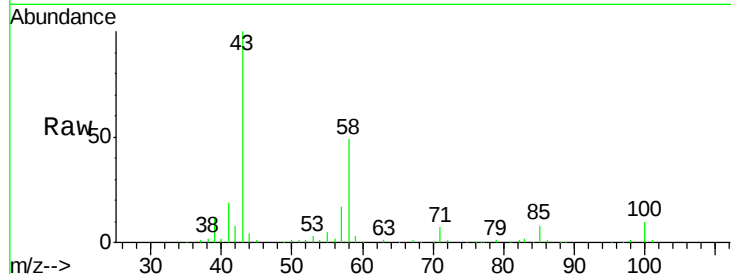
#59
2-Hexanone
Concen: 46.47 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW003748.D
Acq: 06 Jul 2018 23:14

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

Tot Ion: 43 Resp: 53783
Ion Ratio Lower Upper
43 100
58 48.0 25.4 76.2

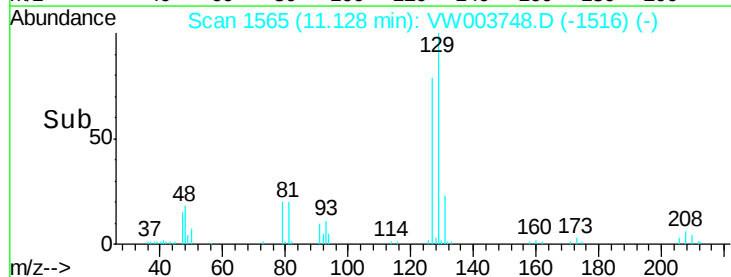
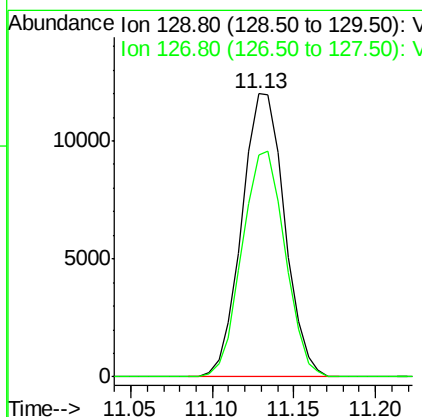
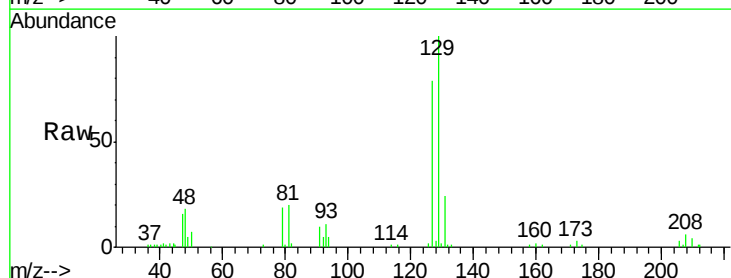
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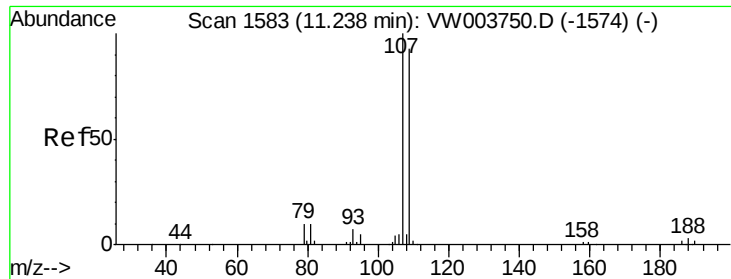
apatel
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#60
Dibromochloromethane
Concen: 10.50 ug/l
RT: 11.13 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VW003748.D
Acq: 06 Jul 2018 23:14

Tgt Ion: 129 Resp: 21930
Ion Ratio Lower Upper
129 100
127 79.8 38.9 116.6





#61

1,2-Dibromoethane

Concen: 10.70 ug/l

RT: 11.24 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VW003748.D

Acq: 06 Jul 2018 23:14

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion:107 Resp: 18313

Ion Ratio Lower Upper

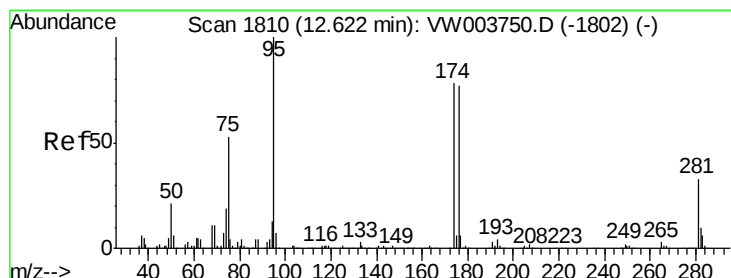
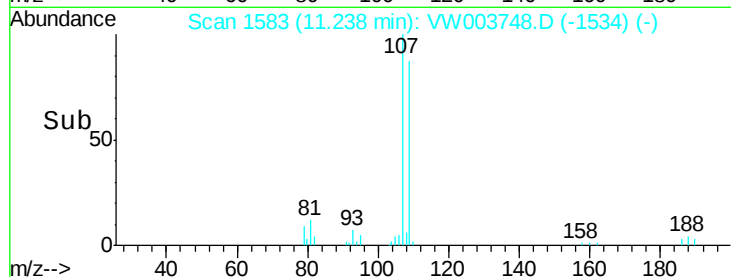
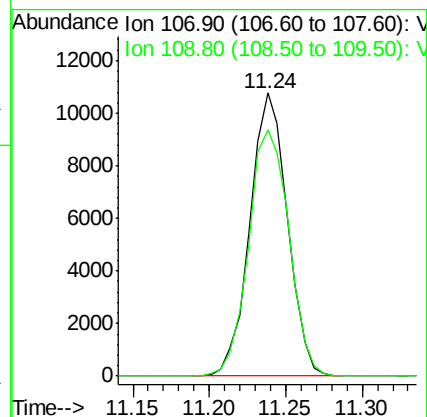
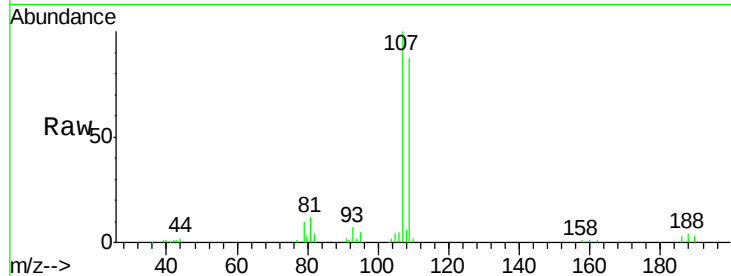
107 100

109 93.9 75.1 112.7

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#62

4-Bromofluorobenzene

Concen: 10.85 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.01 min

Lab File: VW003748.D

Acq: 06 Jul 2018 23:14

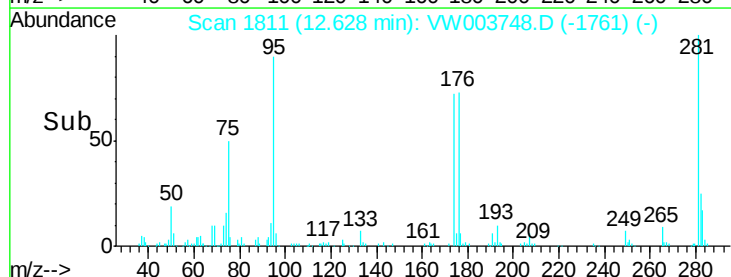
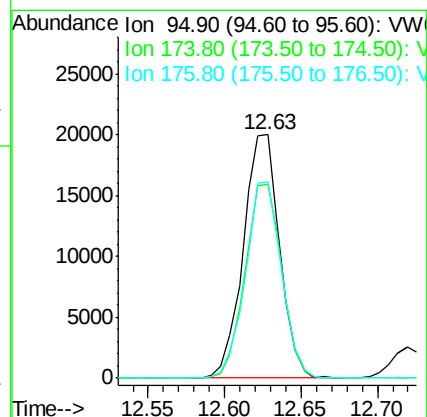
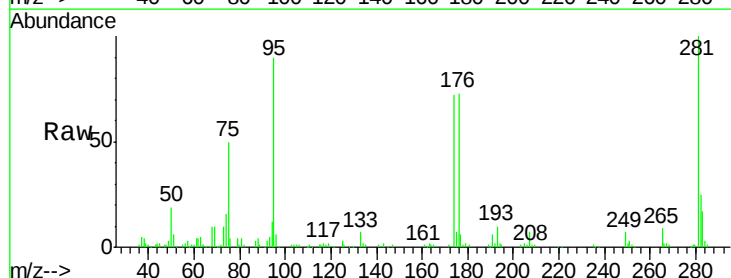
Tgt Ion: 95 Resp: 32895

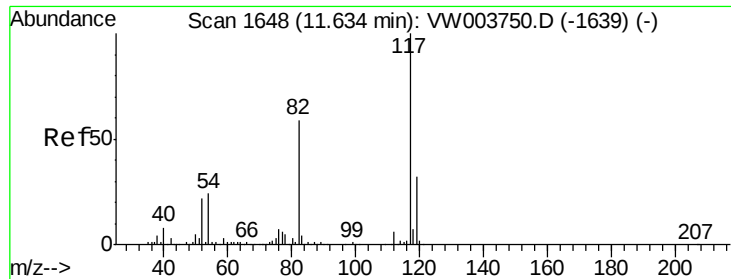
Ion Ratio Lower Upper

95 100

174 80.5 0.0 163.4

176 79.8 0.0 156.8





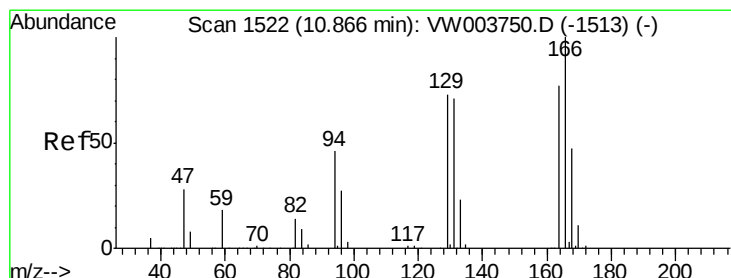
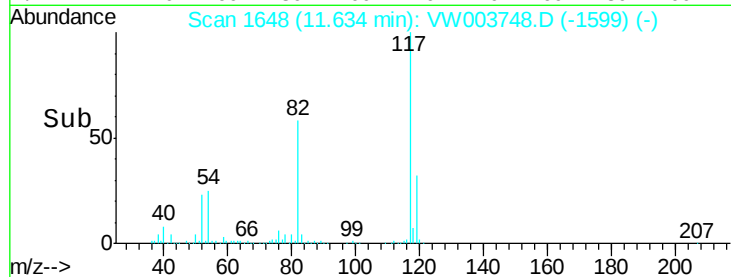
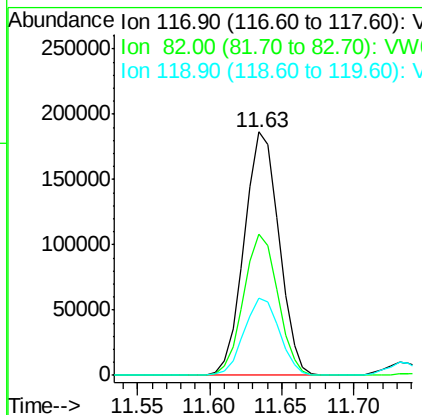
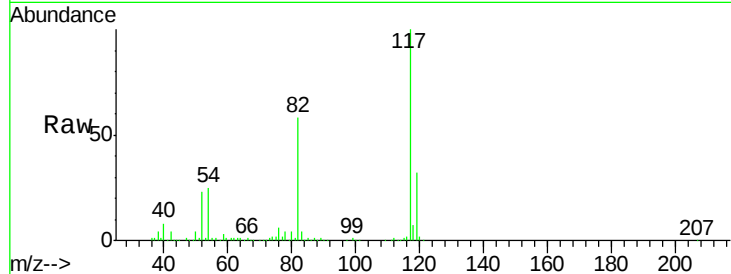
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW003748.D
Acq: 06 Jul 2018 23:14

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.8	46.9	70.3
119	31.8	25.5	38.3

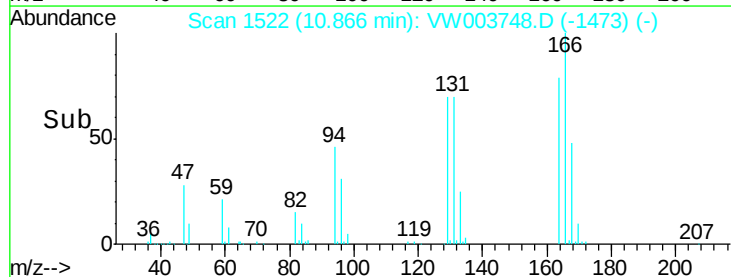
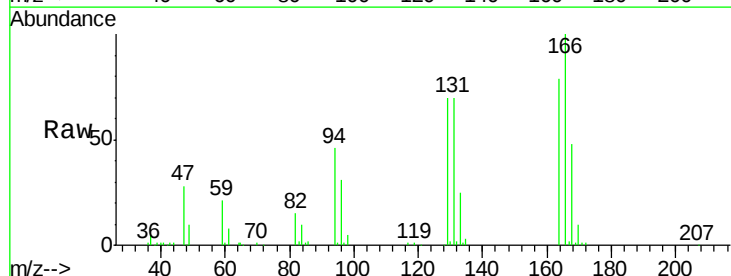
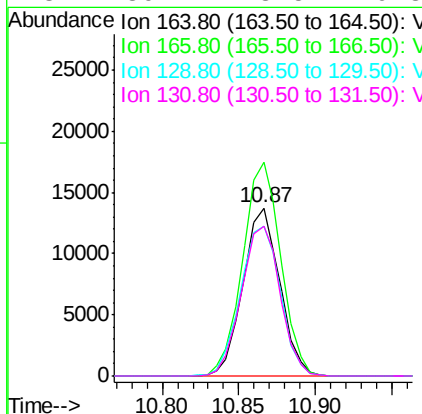
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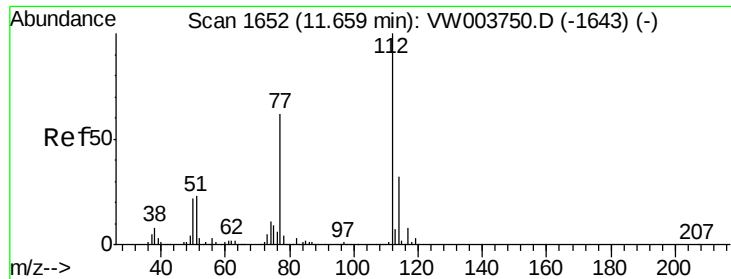
apatel
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#64
Tetrachloroethene
Concen: 10.73 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW003748.D
Acq: 06 Jul 2018 23:14

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.2	104.2	156.4
129	89.6	75.8	113.8
131	89.4	73.5	110.3





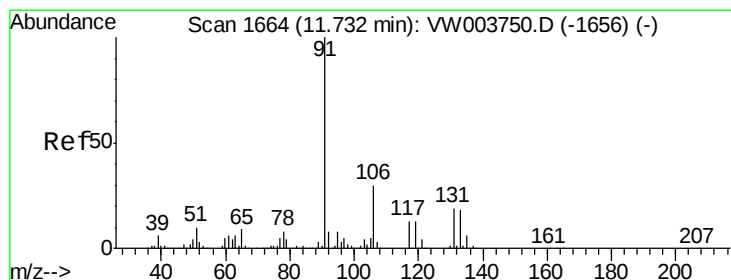
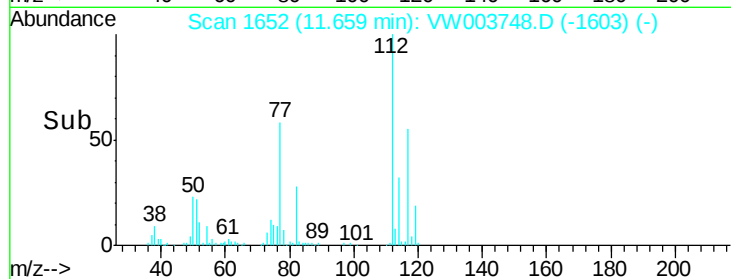
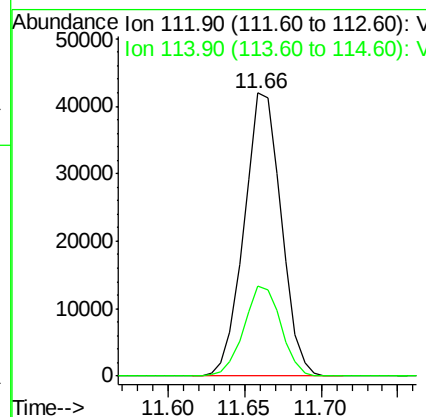
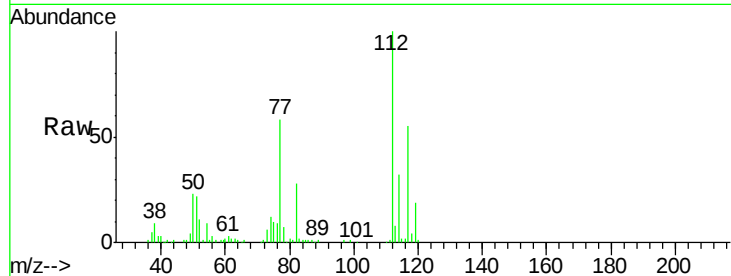
#65
Chlorobenzene
Concen: 10.69 ug/l
RT: 11.66 min Scan# 1652
Delta R.T. -0.00 min
Lab File: VW003748.D
Acq: 06 Jul 2018 23:14

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion:112 Resp: 70723
Ion Ratio Lower Upper
112 100
114 31.8 26.0 39.0

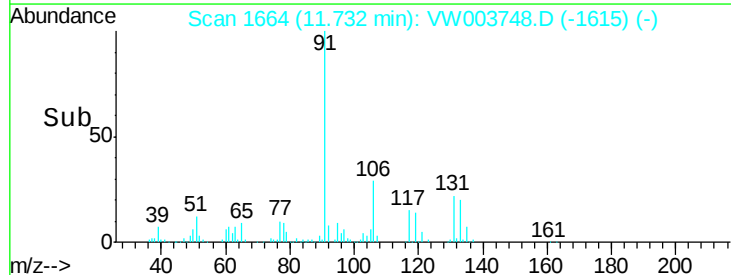
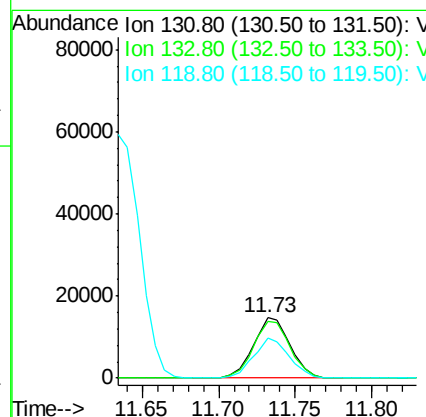
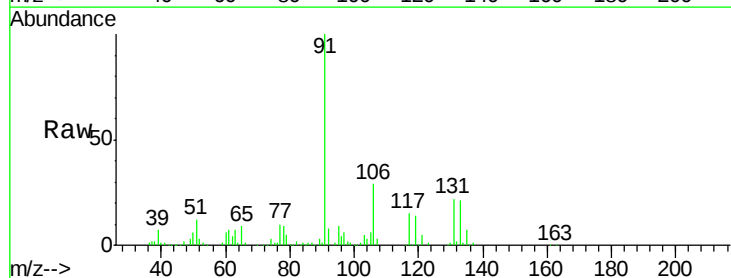
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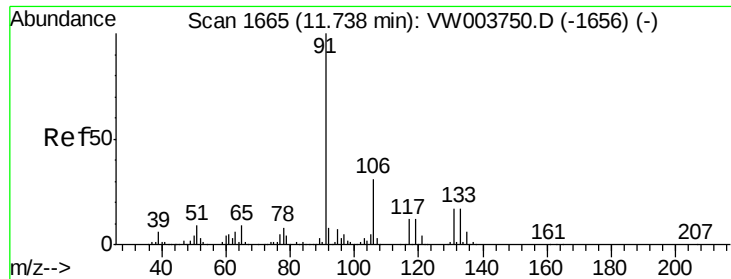
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 10.64 ug/l
RT: 11.73 min Scan# 1664
Delta R.T. -0.00 min
Lab File: VW003748.D
Acq: 06 Jul 2018 23:14

Tgt Ion:131 Resp: 24550
Ion Ratio Lower Upper
131 100
133 94.7 48.0 144.2
119 65.0 33.2 99.6





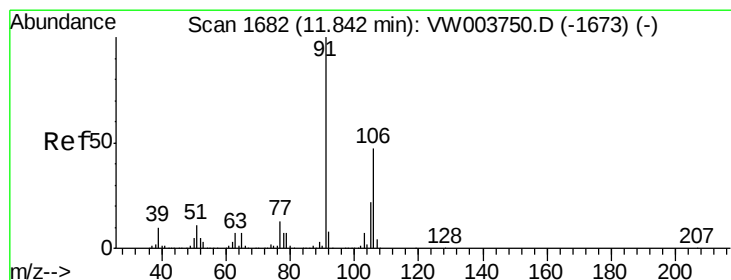
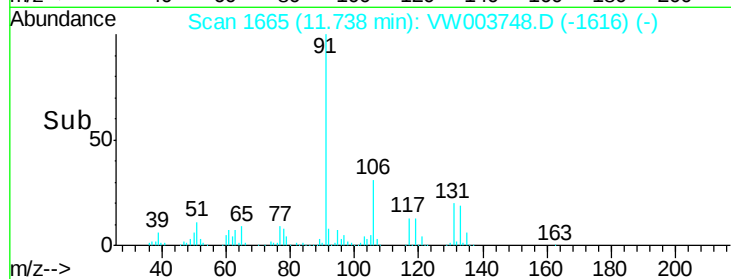
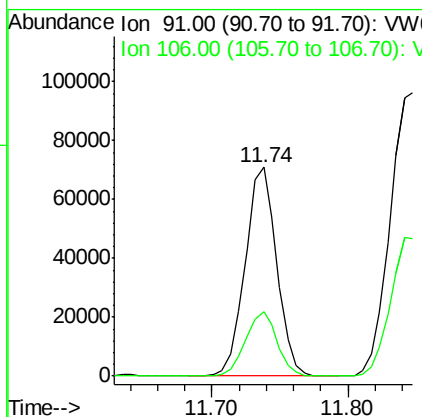
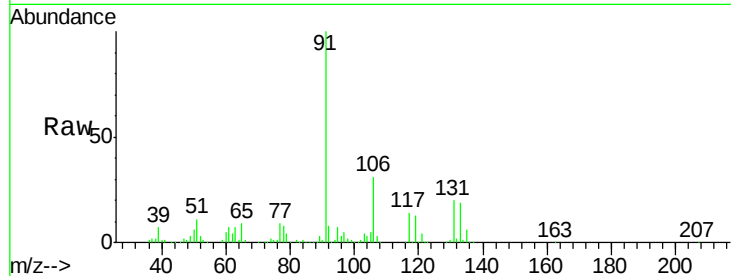
#67
Ethyl Benzene
Concen: 9.96 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW003748.D
Acq: 06 Jul 2018 23:14

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

Tot Ion: 91 Resp: 114983
Ion Ratio Lower Upper
91 100
106 30.8 24.6 37.0

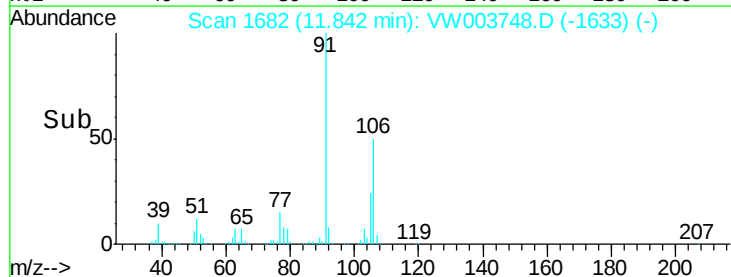
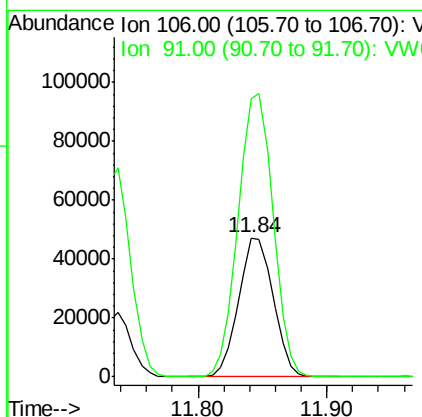
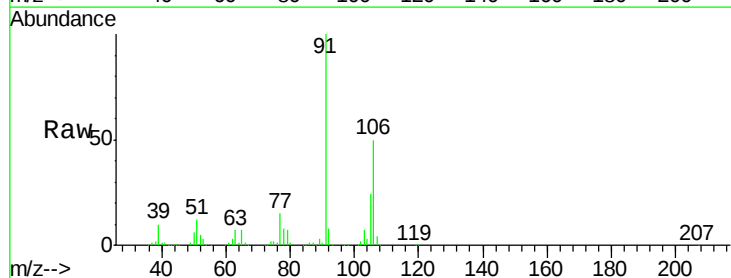
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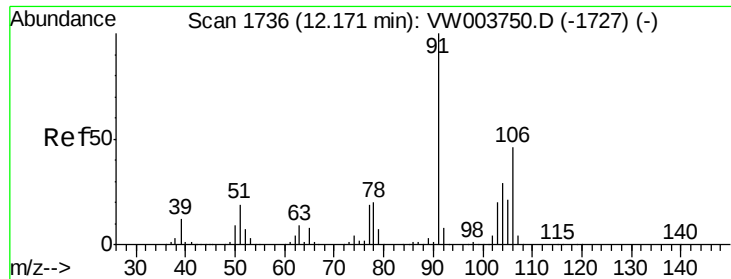
apatel
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#68
m/p-Xylenes
Concen: 20.04 ug/l
RT: 11.84 min Scan# 1682
Delta R.T. -0.00 min
Lab File: VW003748.D
Acq: 06 Jul 2018 23:14

Tgt Ion: 106 Resp: 88161
Ion Ratio Lower Upper
106 100
91 205.7 164.3 246.5





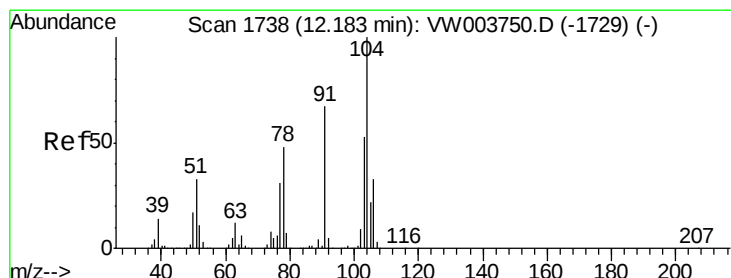
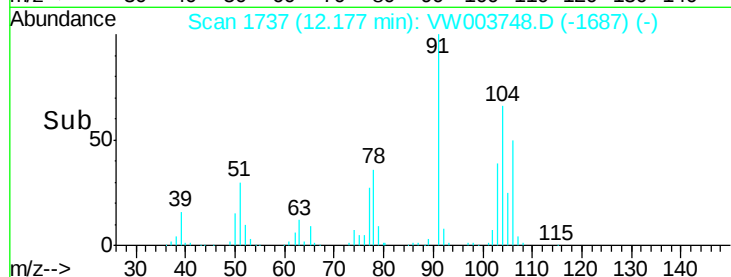
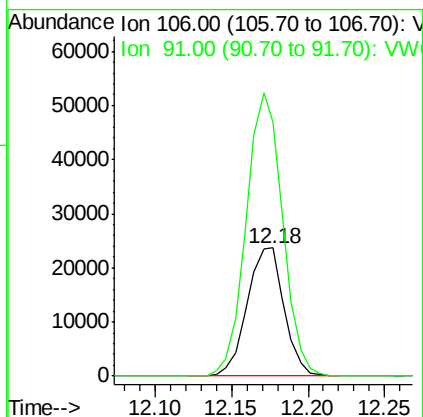
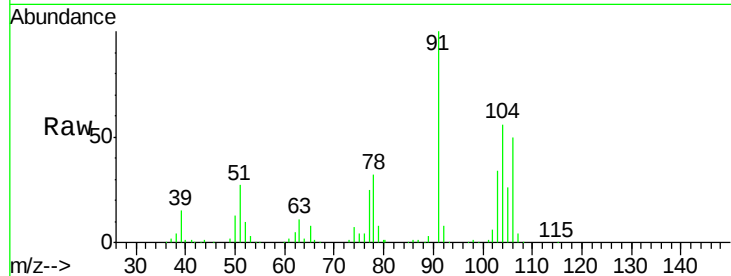
#69
o-Xylene
Concen: 9.78 ug/l
RT: 12.18 min Scan# 1737
Delta R.T. 0.01 min
Lab File: VW003748.D
Acq: 06 Jul 2018 23:14

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

Tot Ion:106 Resp: 39836
Ion Ratio Lower Upper
106 100
91 217.3 109.1 327.2

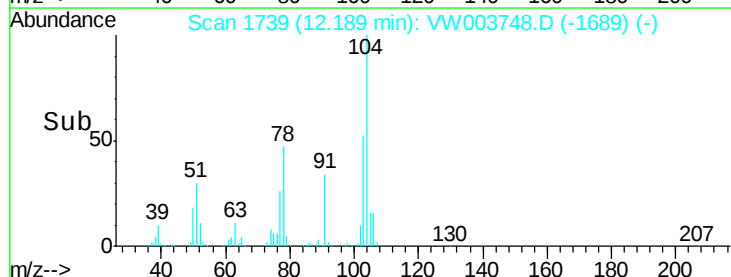
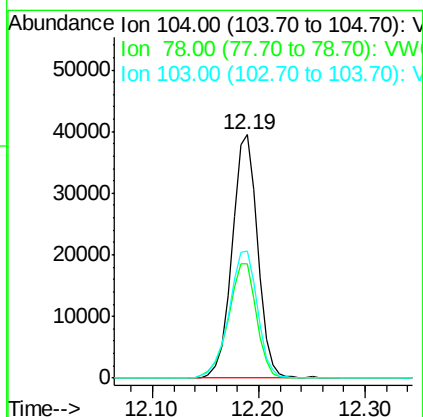
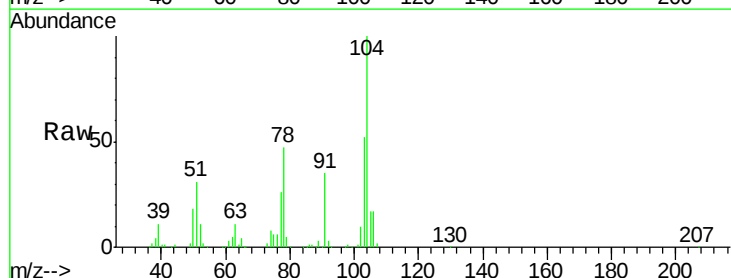
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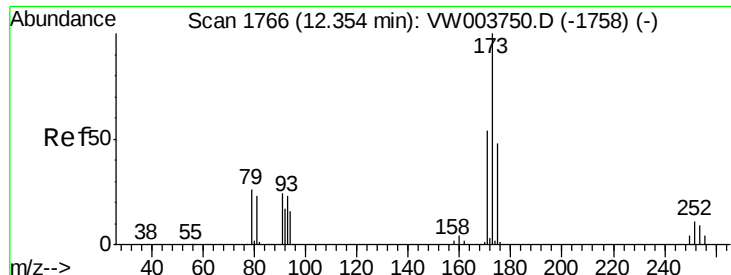
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#70
Styrene
Concen: 9.69 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.01 min
Lab File: VW003748.D
Acq: 06 Jul 2018 23:14

Tgt Ion:104 Resp: 66390
Ion Ratio Lower Upper
104 100
78 52.0 41.1 61.7
103 58.4 44.6 67.0





#71

Bromoform

Concen: 10.49 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. -0.00 min

Lab File: VW003748.D

Acq: 06 Jul 2018 23:14

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion:173 Resp: 13563

Ion Ratio Lower Upper

173 100

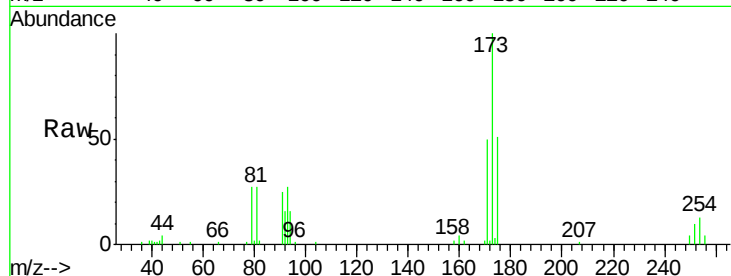
175 48.4 24.1 72.4

254 0.0 0.0 0.0

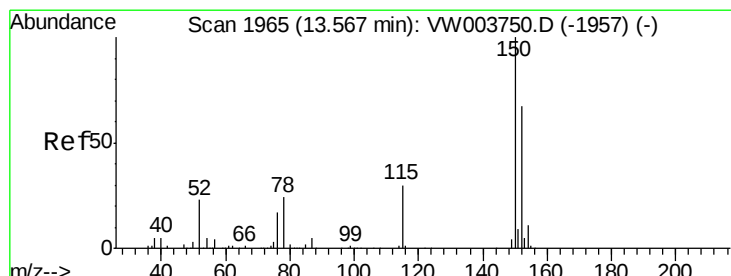
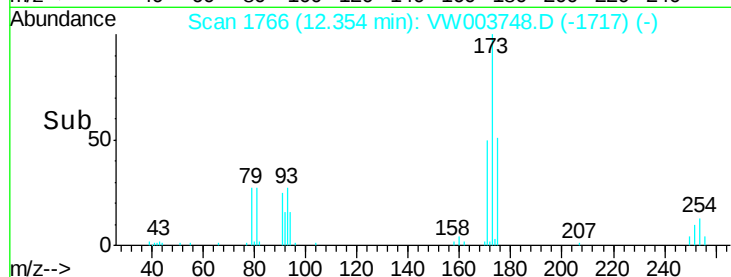
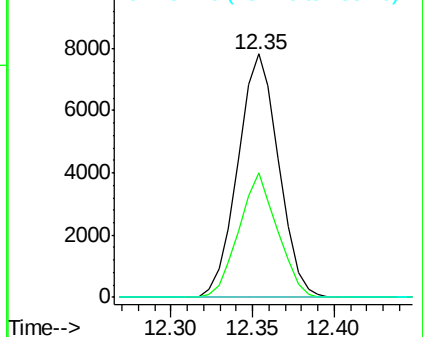
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VW003748.D

Acq: 06 Jul 2018 23:14

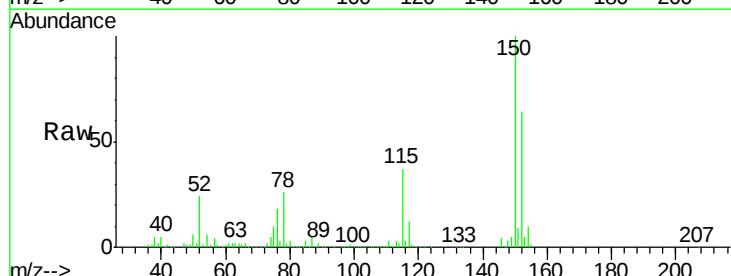
Tgt Ion:152 Resp: 169892

Ion Ratio Lower Upper

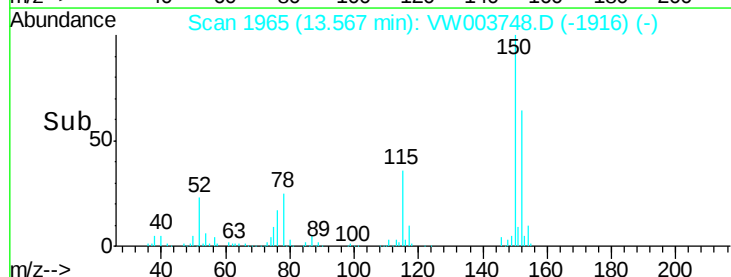
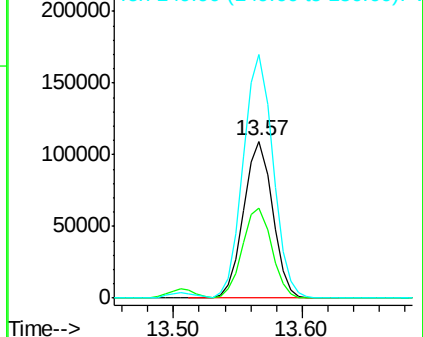
152 100

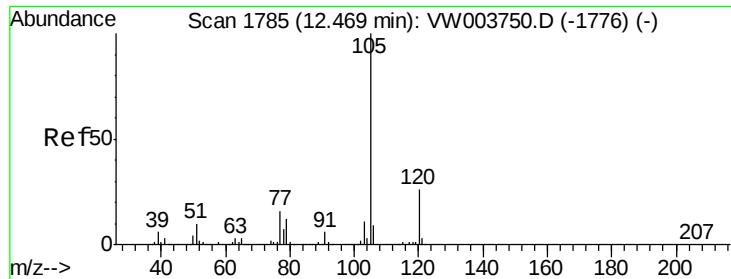
115 58.3 28.9 86.8

150 160.3 0.0 342.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 9.49 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VW003748.D

Acq: 06 Jul 2018 23:14

Instrument :

MSVOA_W

ClientSampled :

VSTDIC010

Tot Ion: 105 Resp: 109921

Ion Ratio Lower Upper

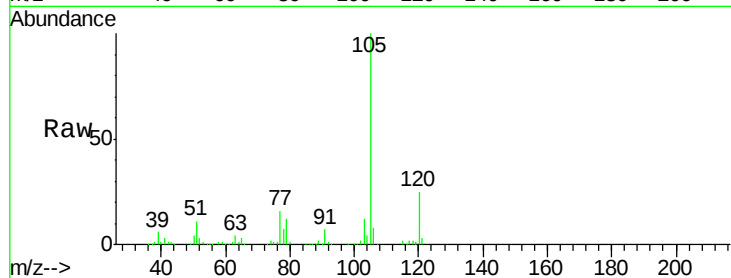
105 100

120 25.9 13.1 39.3

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.47

80000

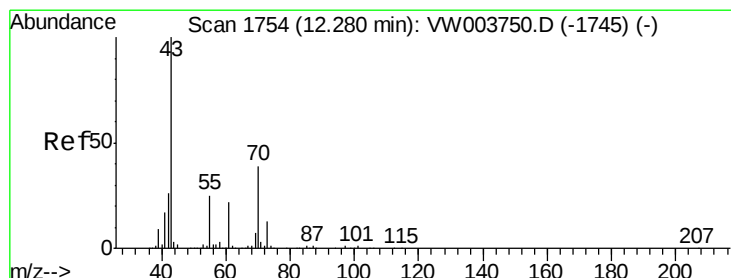
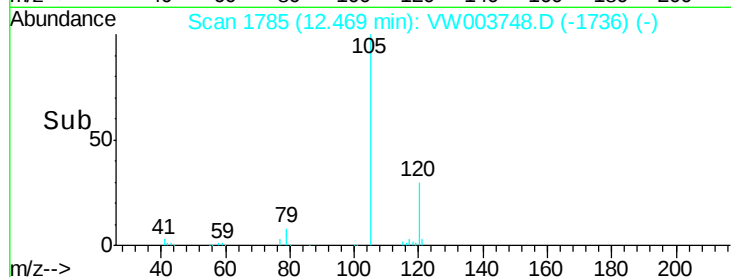
60000

40000

20000

0

Time-->



#74

N-ethyl acetate

Concen: 9.22 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. -0.00 min

Lab File: VW003748.D

Acq: 06 Jul 2018 23:14

Tgt Ion: 43 Resp: 28502

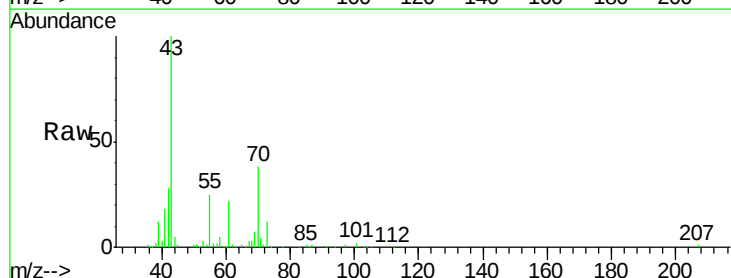
Ion Ratio Lower Upper

43 100

70 36.9 31.3 46.9

55 25.9 20.1 30.1

61 22.5 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV

30000

25000

20000

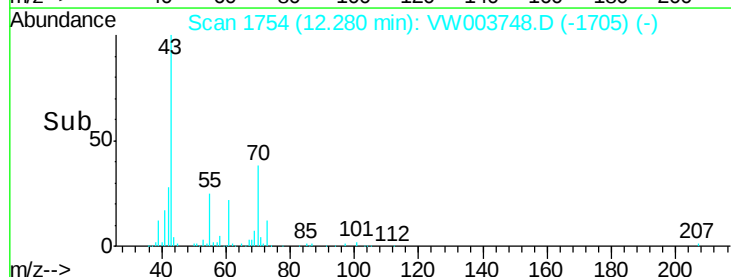
15000

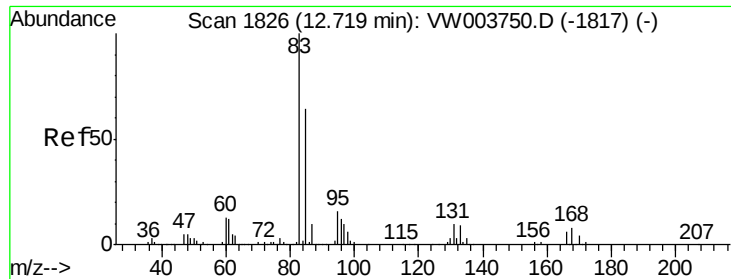
10000

5000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 10.31 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VW003748.D

Acq: 06 Jul 2018 23:14

Instrument :

MSVOA_W

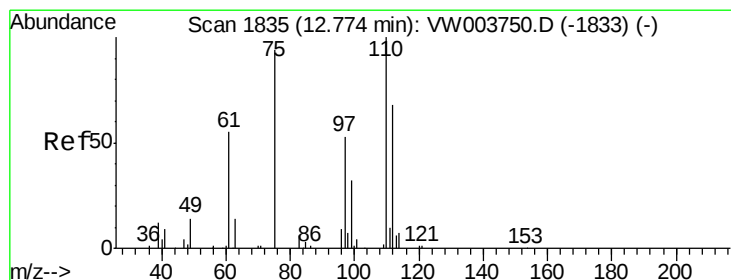
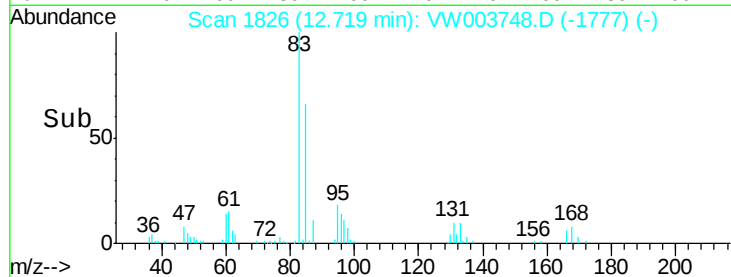
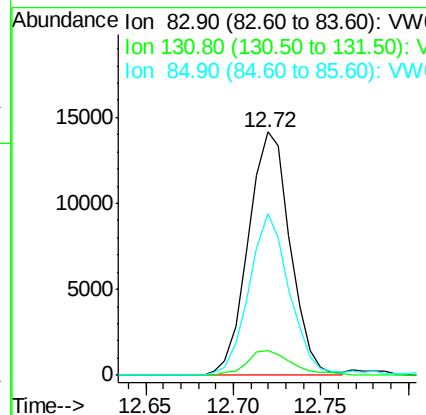
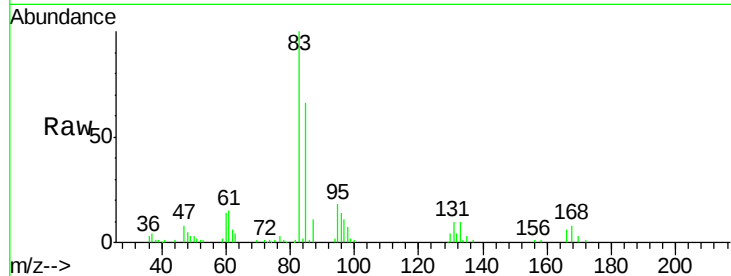
ClientSampled :

VSTDIC010

Tot Ion:	83	Resp:	23639
Ion Ratio	Lower	Upper	
83	100		
131	11.0	5.1	15.4
85	63.7	32.1	96.3

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#76

1,2,3-Trichloropropane

Concen: 11.91 ug/l m

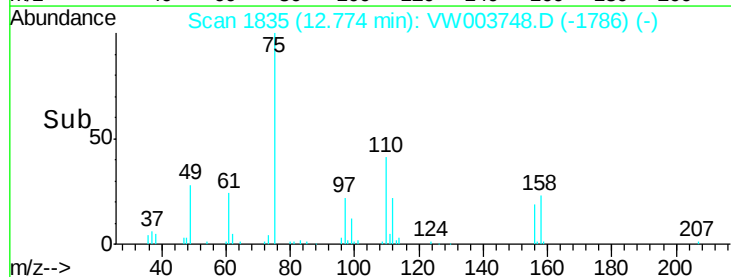
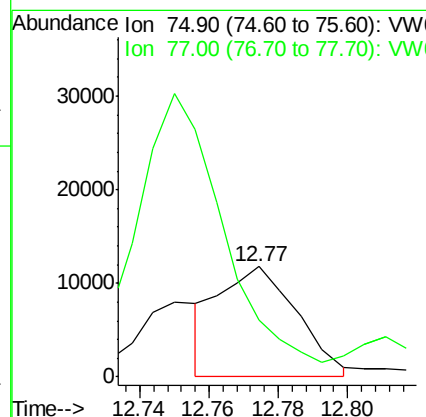
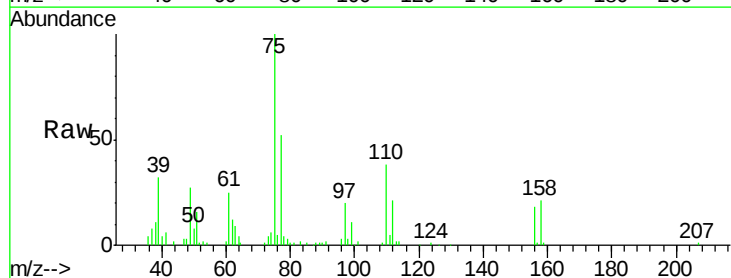
RT: 12.77 min Scan# 1835

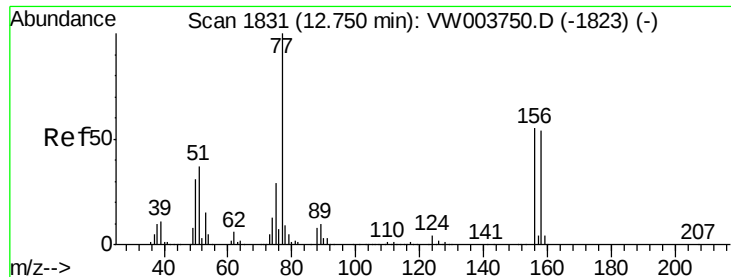
Delta R.T. -0.00 min

Lab File: VW003748.D

Acq: 06 Jul 2018 23:14

Tgt Ion:	75	Resp:	18314
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





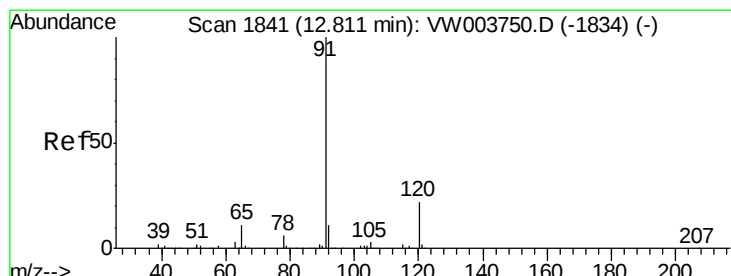
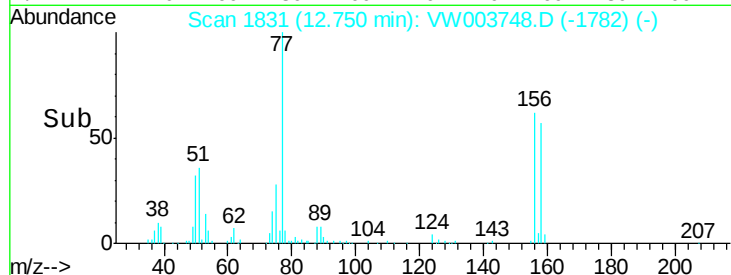
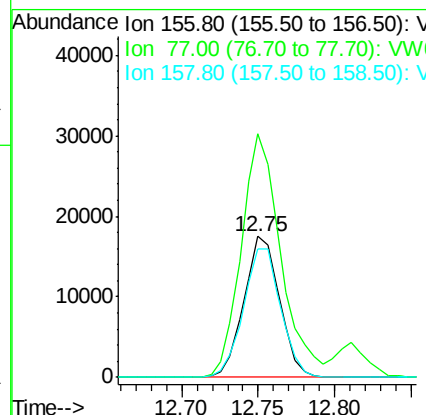
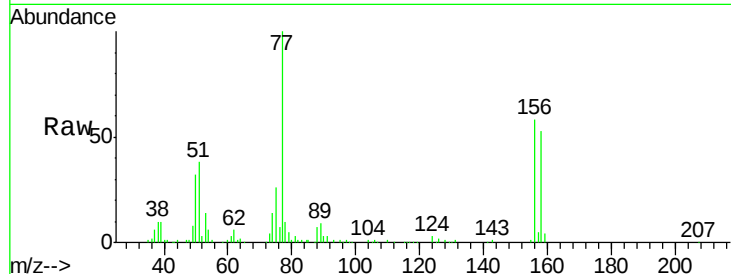
#77
Bromobenzene
Concen: 10.19 ug/l
RT: 12.75 min Scan# 1831
Delta R.T. -0.00 min
Lab File: VW003748.D
Acq: 06 Jul 2018 23:14

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
156	100		
77	191.3	98.7	296.0
158	95.5	49.0	147.0

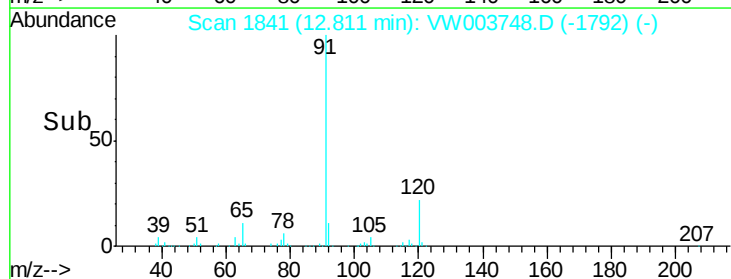
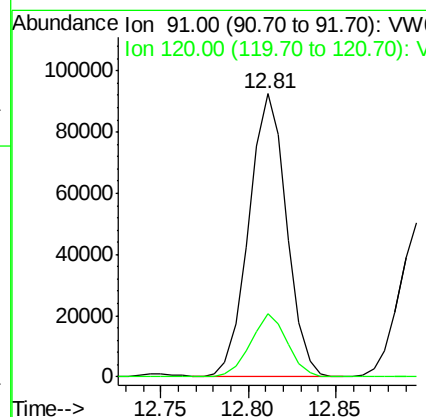
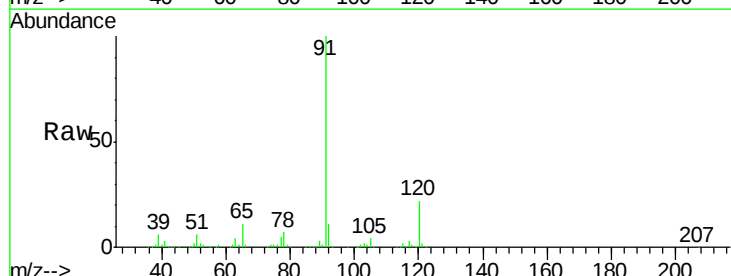
Manual Integrations
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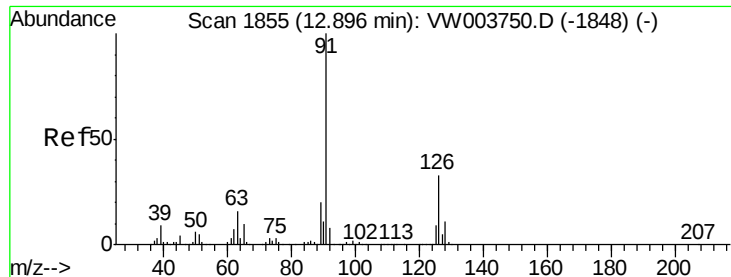
apatel
7/9/2018 9:50:47 AM



#78
n-propylbenzene
Concen: 9.72 ug/l
RT: 12.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VW003748.D
Acq: 06 Jul 2018 23:14

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.8	11.2	33.6





#79

2-Chlorotoluene

Concen: 10.15 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW003748.D

Acq: 06 Jul 2018 23:14

Instrument :

MSVOA_W

ClientSampled :

VSTDIC010

Tot Ion: 91 Resp: 82653

Ion Ratio Lower Upper

91 100

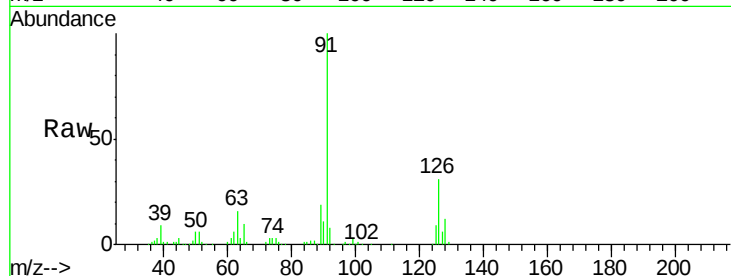
126 32.7 17.0 51.0

Manual Integrations

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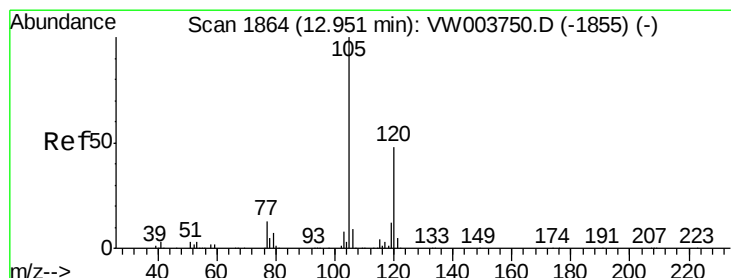
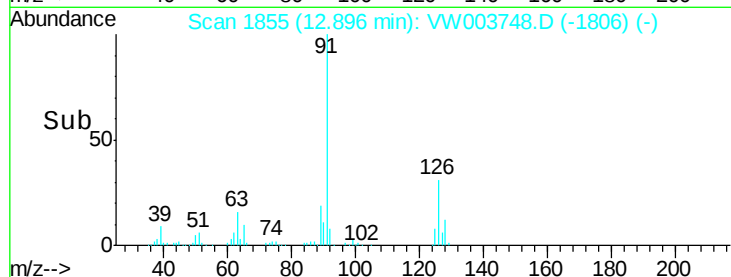
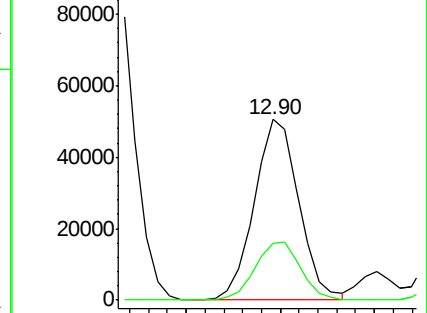
apatel

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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 9.82 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VW003748.D

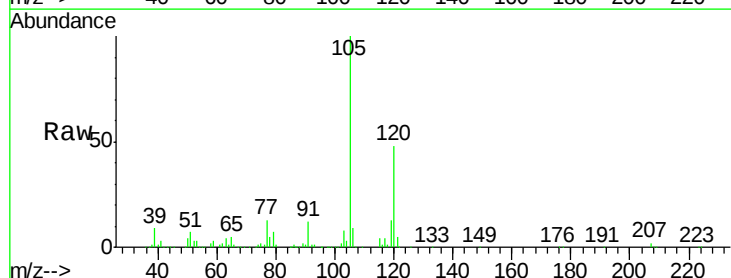
Acq: 06 Jul 2018 23:14

Tgt Ion:105 Resp: 96467

Ion Ratio Lower Upper

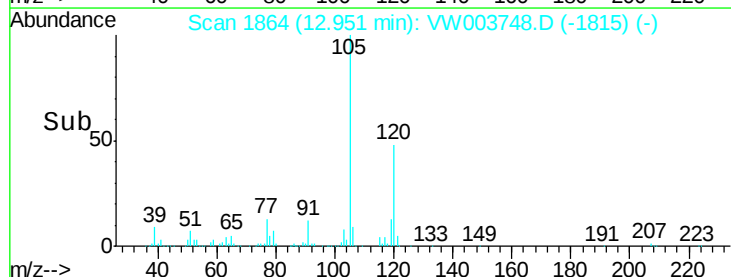
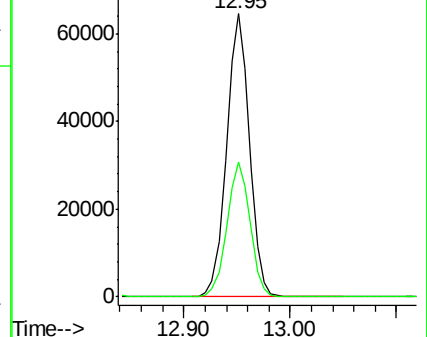
105 100

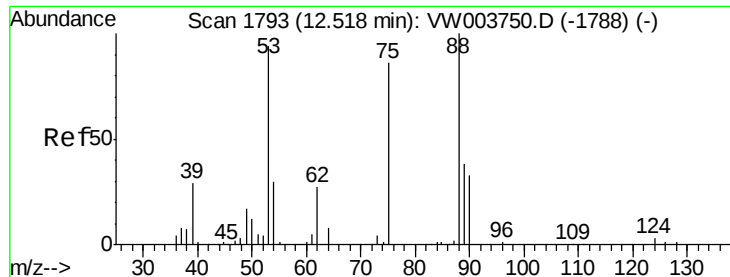
120 48.0 24.2 72.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





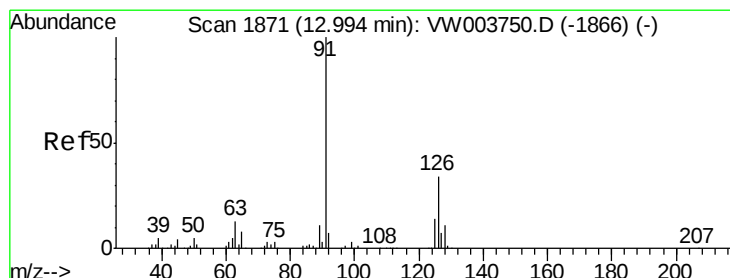
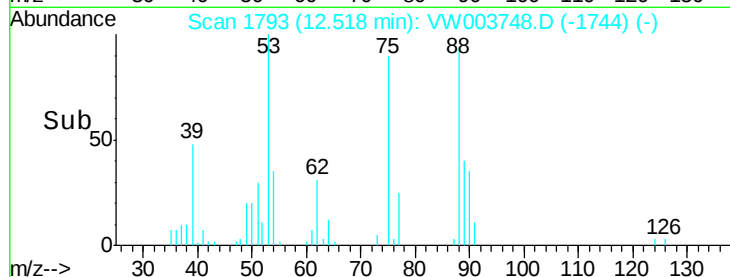
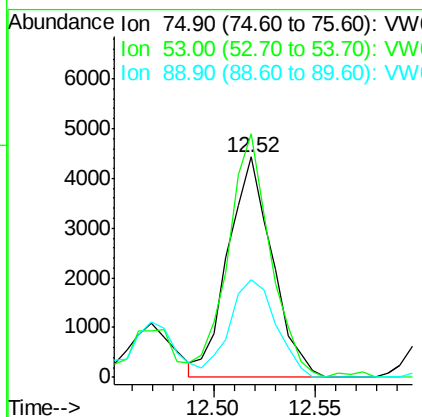
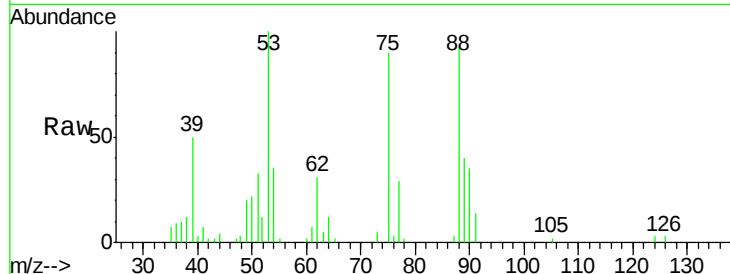
#81
trans-1,4-Dichloro-2-butene
Concen: 9.26 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VW003748.D
Acq: 06 Jul 2018 23:14

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
75	100		
53	105.1	85.0	127.6
89	46.2	36.3	54.5

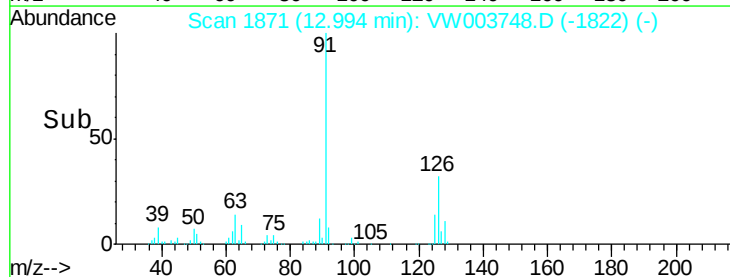
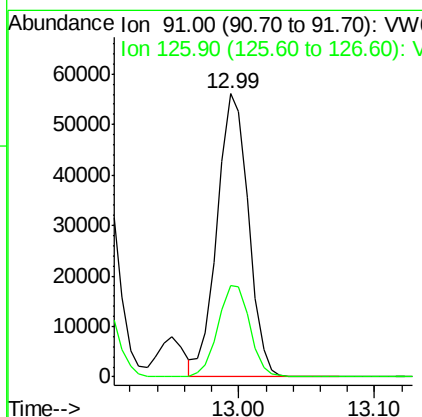
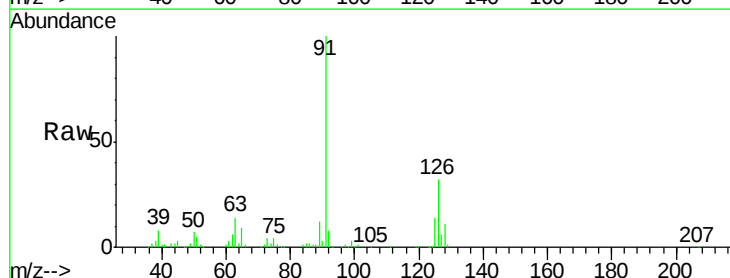
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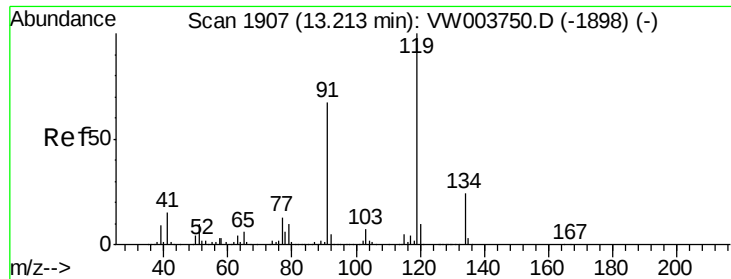
apatel
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#82
4-Chlorotoluene
Concen: 10.32 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. -0.00 min
Lab File: VW003748.D
Acq: 06 Jul 2018 23:14

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.8	16.5	49.5





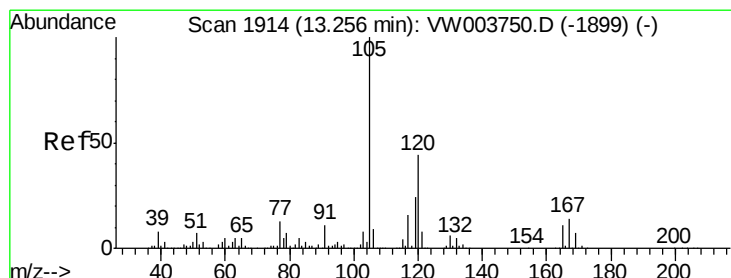
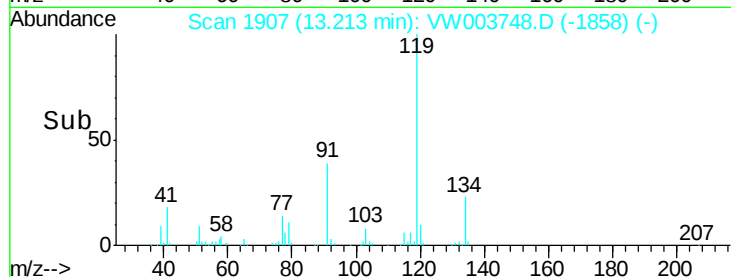
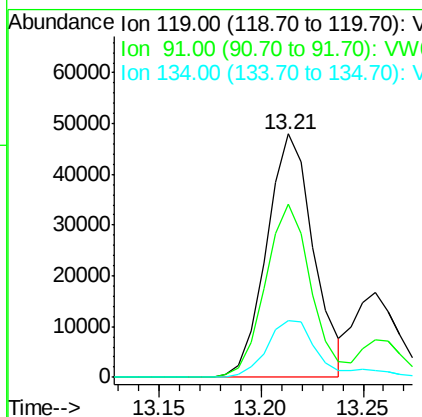
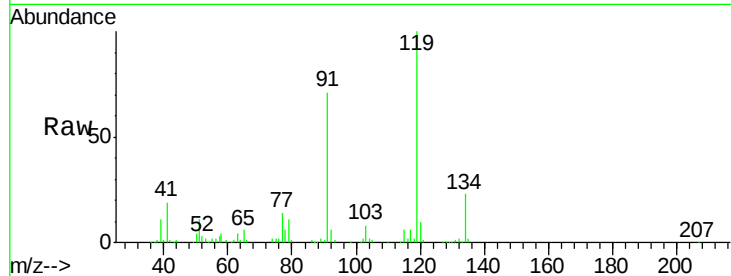
#83
tert-Butylbenzene
Concen: 9.31 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. -0.00 min
Lab File: VW003748.D
Acq: 06 Jul 2018 23:14

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
119	100		
91	69.9	33.0	98.9
134	24.2	12.8	38.4

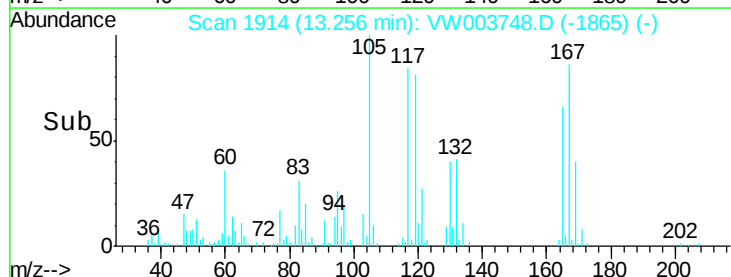
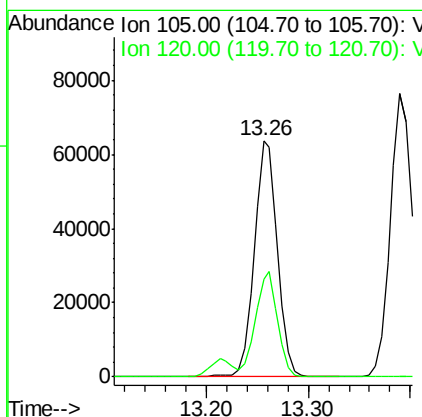
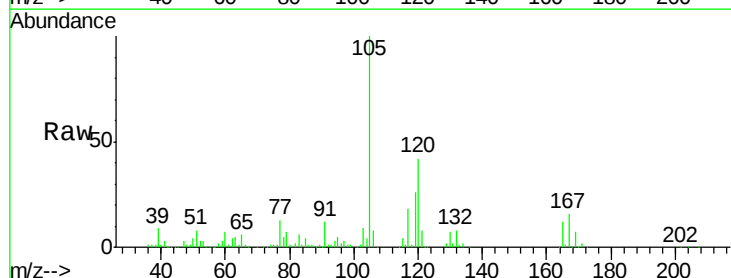
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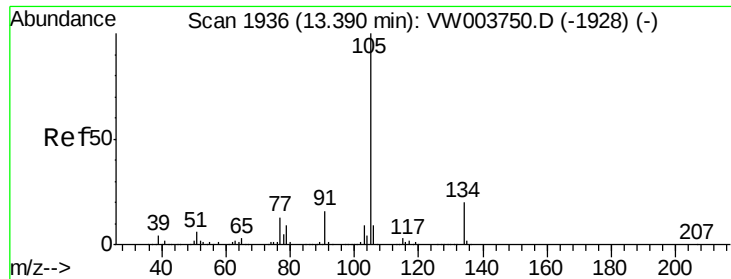
apatel
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#84
1,2,4-Trimethylbenzene
Concen: 9.98 ug/l
RT: 13.26 min Scan# 1914
Delta R.T. -0.00 min
Lab File: VW003748.D
Acq: 06 Jul 2018 23:14

Tgt Ion	Ratio	Lower	Upper
105	100		
120	42.6	22.0	66.0





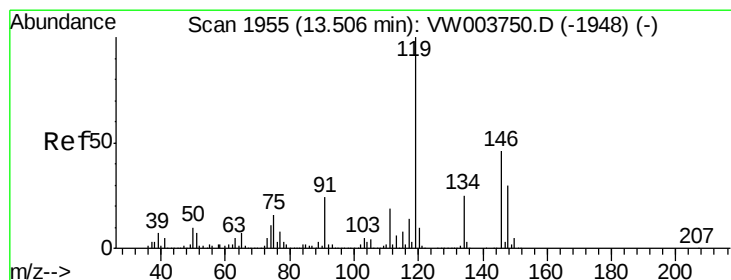
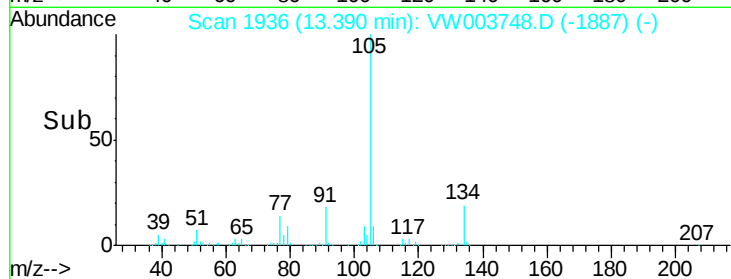
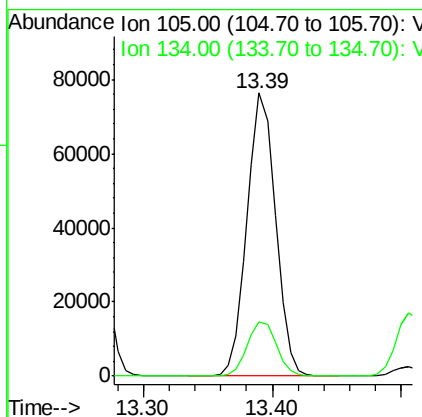
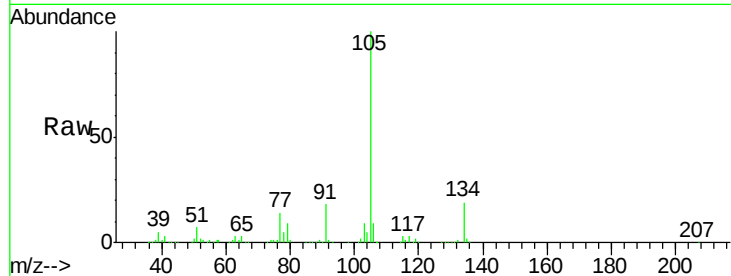
#85
 sec-Butylbenzene
 Concen: 9.50 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VW003748.D
 Acq: 06 Jul 2018 23:14

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.7	9.8	29.4

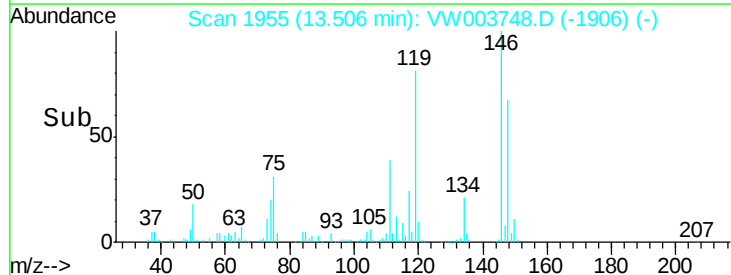
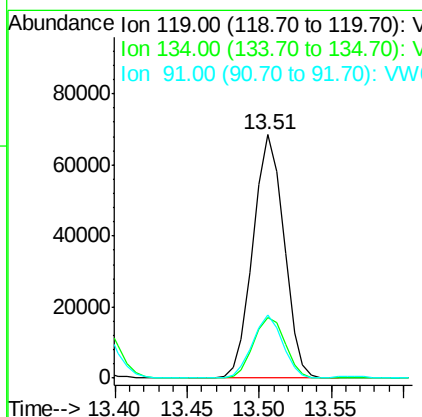
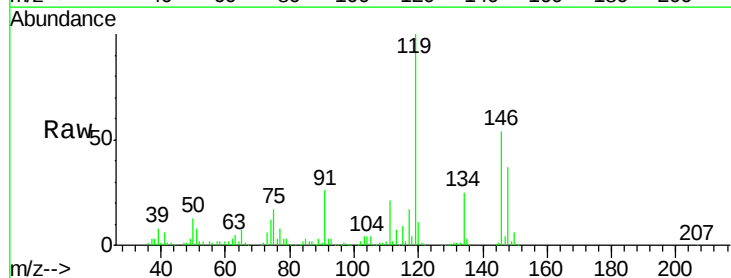
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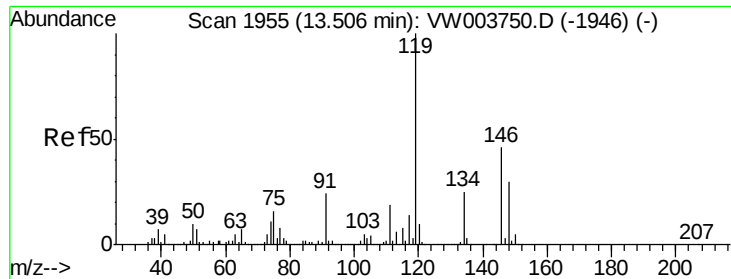
apatel
 7/9/2018 9:50:47 AM



#86
 p-Isopropyltoluene
 Concen: 9.45 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW003748.D
 Acq: 06 Jul 2018 23:14

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.9	13.1	39.1
91	25.4	11.9	35.9





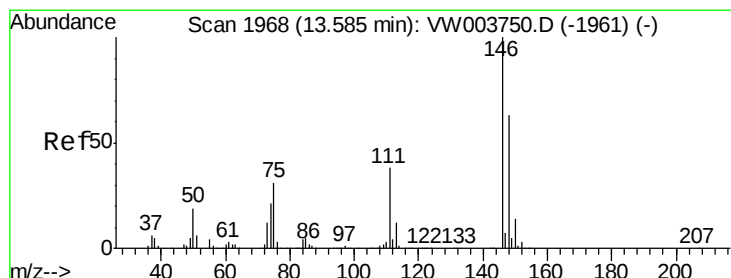
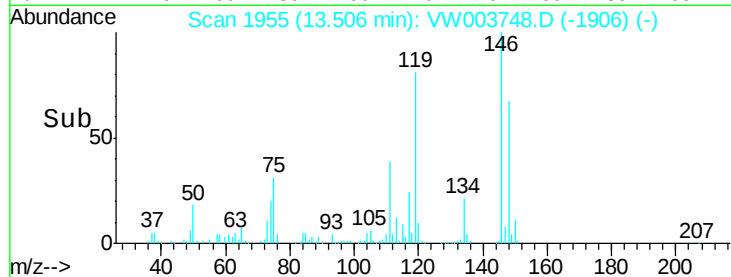
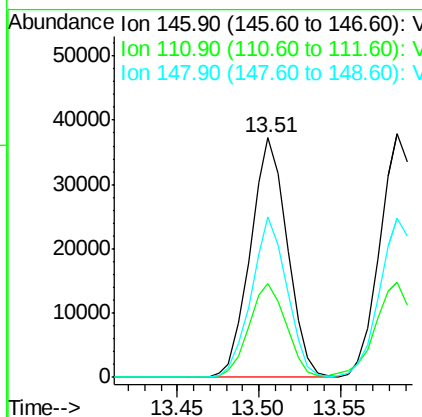
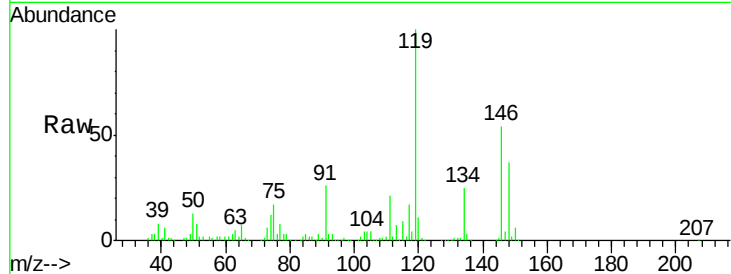
#87
 1,3-Dichlorobenzene
 Concen: 10.39 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW003748.D
 Acq: 06 Jul 2018 23:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	20.2	60.5
148	64.4	31.9	95.7

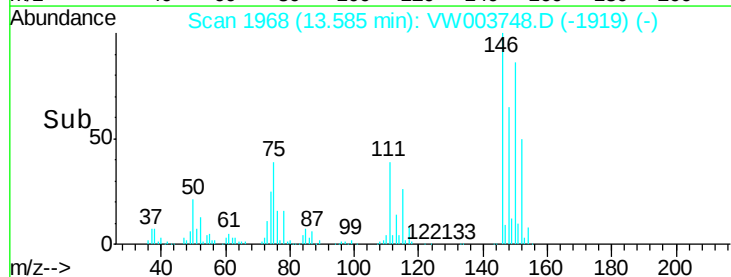
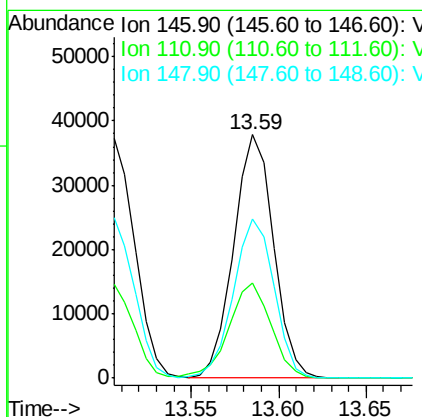
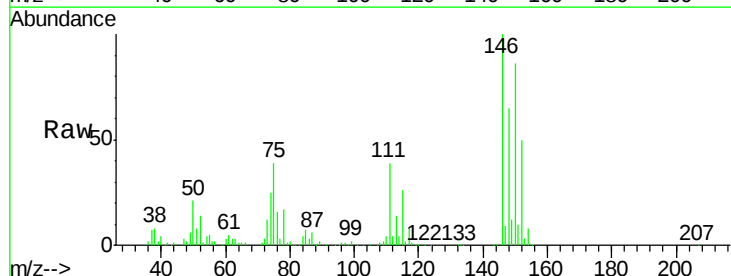
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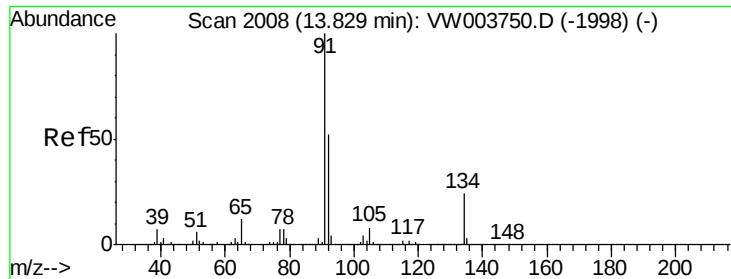
apatel
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#88
 1,4-Dichlorobenzene
 Concen: 10.62 ug/l
 RT: 13.59 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VW003748.D
 Acq: 06 Jul 2018 23:14

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.2	19.4	58.4
148	66.8	31.9	95.7





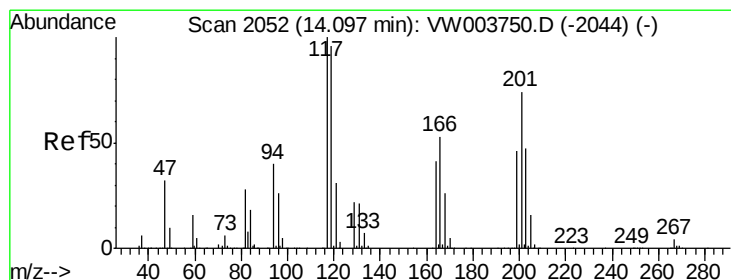
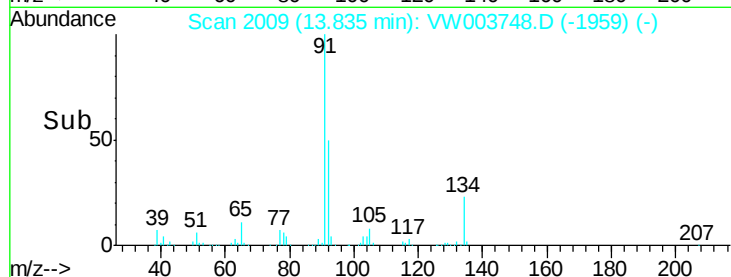
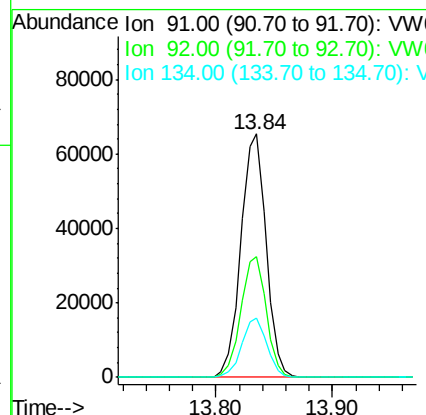
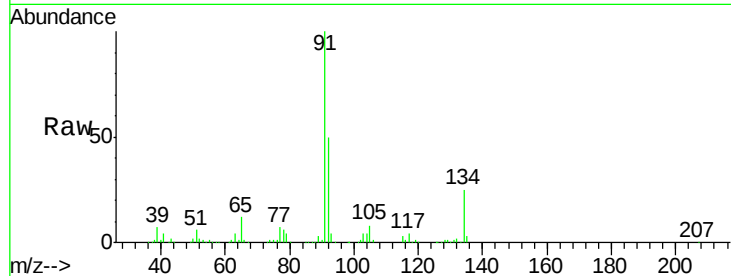
#89
n-Butylbenzene
Concen: 9.35 ug/l
RT: 13.84 min Scan# 2009
Delta R.T. 0.01 min
Lab File: VW003748.D
Acq: 06 Jul 2018 23:14

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
91	100		
92	49.5	26.1	78.3
134	24.1	12.4	37.4

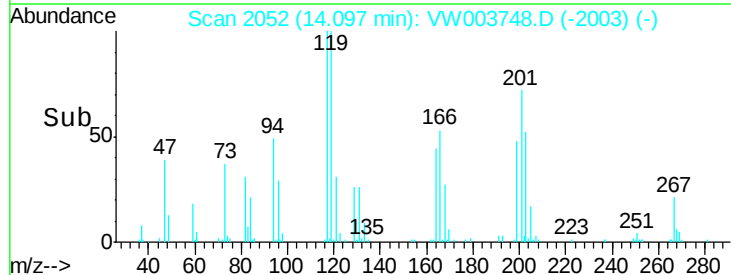
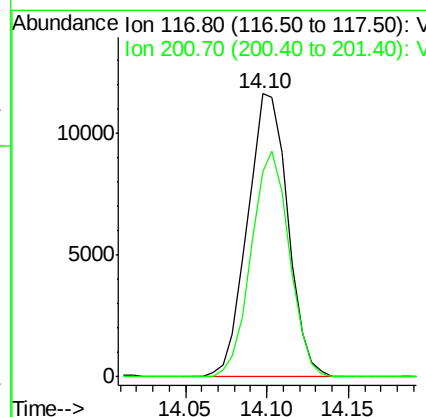
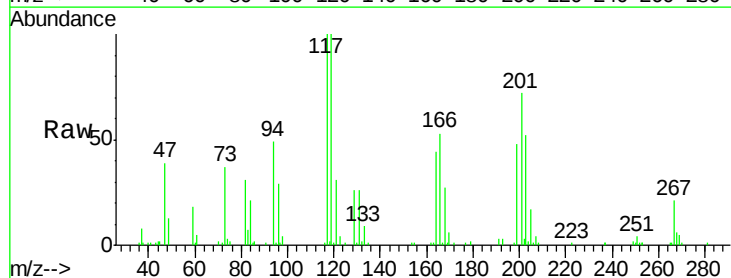
Manual Integrations
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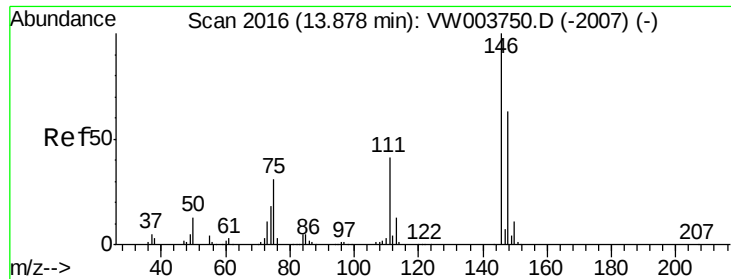
apatel
7/9/2018 9:50:47 AM



#90
Hexachloroethane
Concen: 10.03 ug/l
RT: 14.10 min Scan# 2052
Delta R.T. -0.00 min
Lab File: VW003748.D
Acq: 06 Jul 2018 23:14

Tgt Ion	Ratio	Lower	Upper
117	100		
201	75.2	39.2	117.6





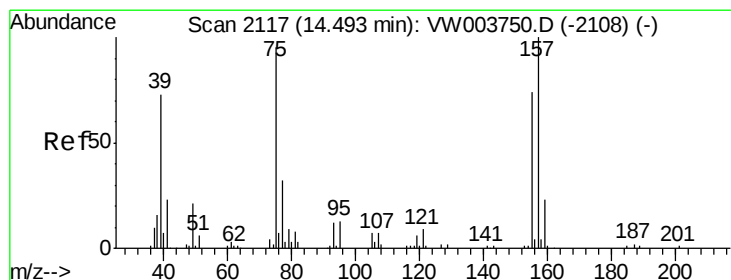
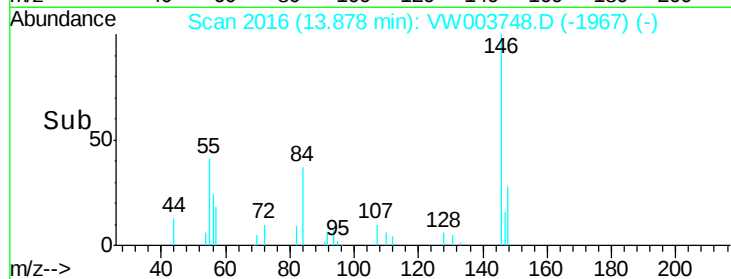
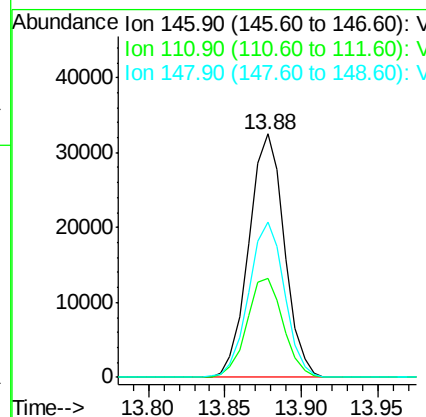
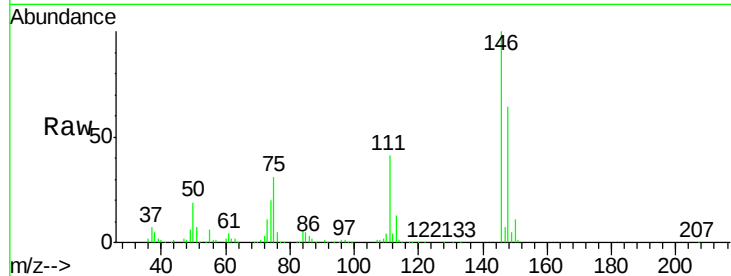
#91
 1,2-Dichlorobenzene
 Concen: 10.35 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: VW003748.D
 Acq: 06 Jul 2018 23:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.5	20.7	62.1
148	64.2	31.9	95.9

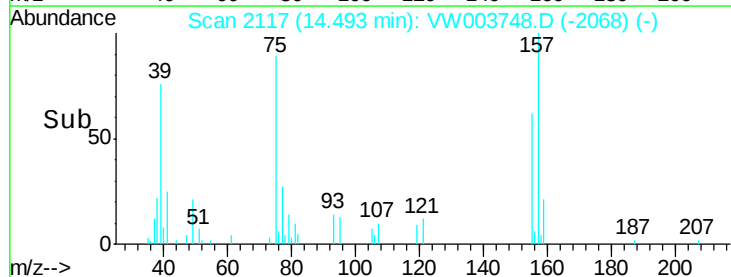
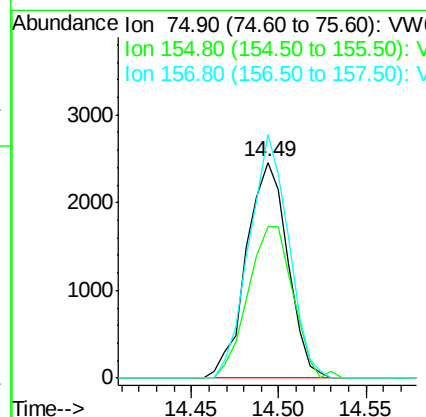
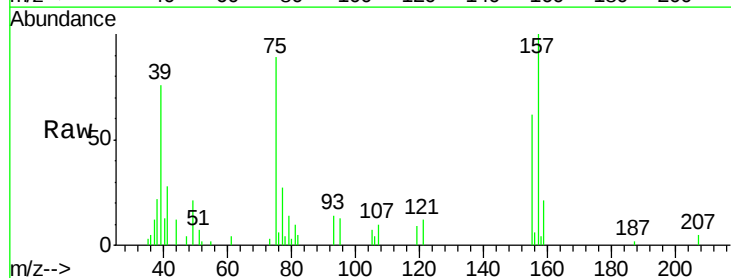
Manual Integrations
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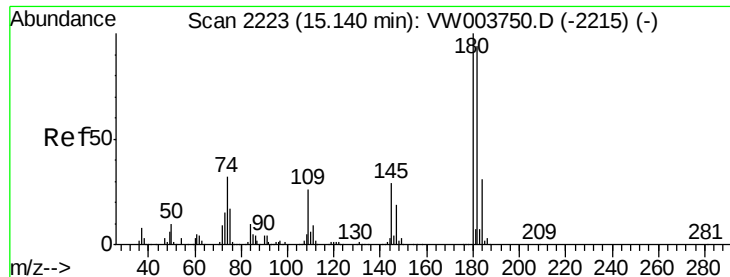
apatel
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 10.10 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VW003748.D
 Acq: 06 Jul 2018 23:14

Tgt Ion	Ratio	Lower	Upper
75	100		
155	75.8	39.2	117.6
157	107.2	50.7	152.1





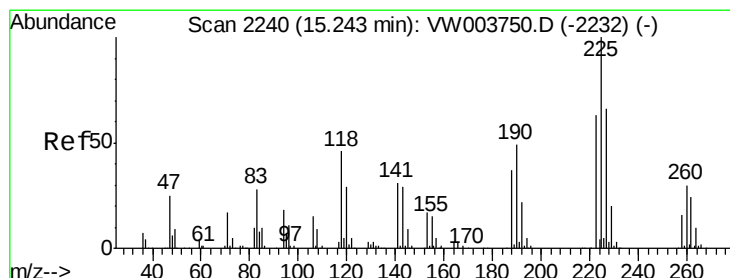
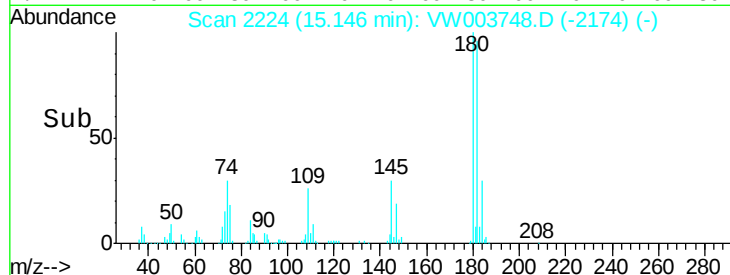
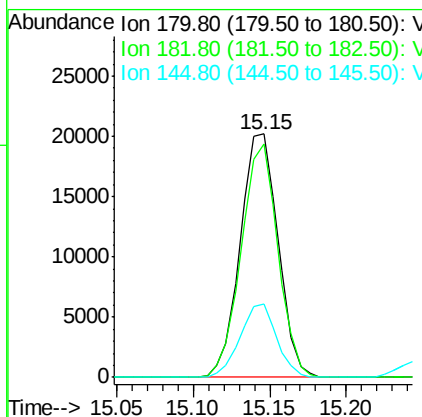
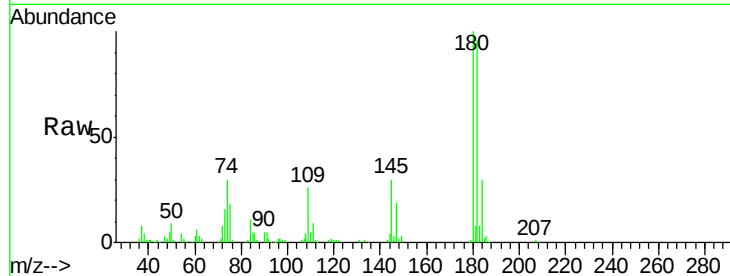
#93
 1,2,4-Trichlorobenzene
 Concen: 9.76 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.01 min
 Lab File: VW003748.D
 Acq: 06 Jul 2018 23:14

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
180	100	34792		
182	93.0	47.4	142.2	
145	29.2	15.0	45.0	

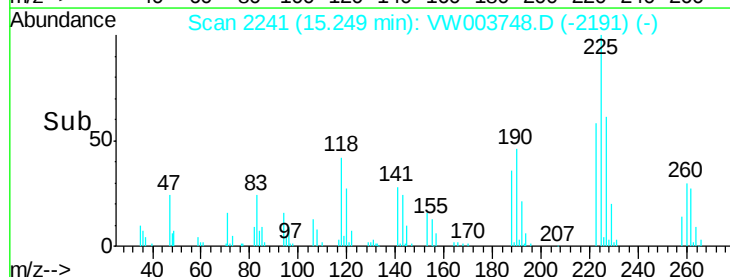
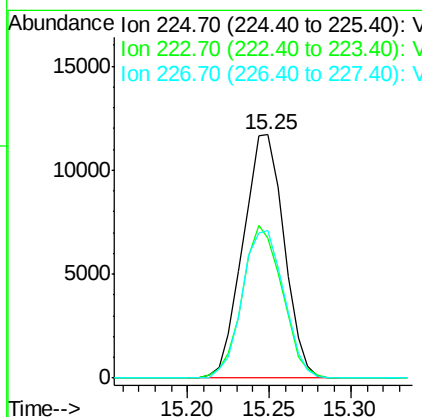
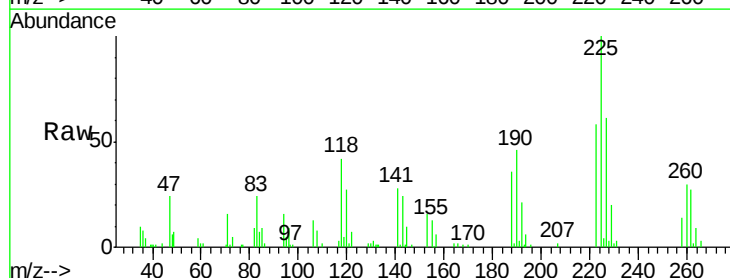
Manual Integrations
 APPROVED

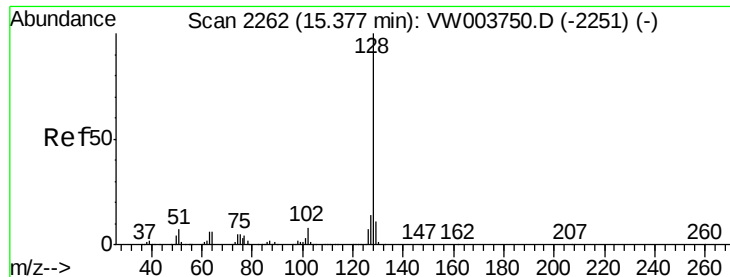
apatel
 7/9/2018 9:50:47 AM



#94
 Hexachlorobutadiene
 Concen: 10.06 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.01 min
 Lab File: VW003748.D
 Acq: 06 Jul 2018 23:14

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	20567		
223	61.0	32.6	97.7	
227	61.5	32.5	97.5	





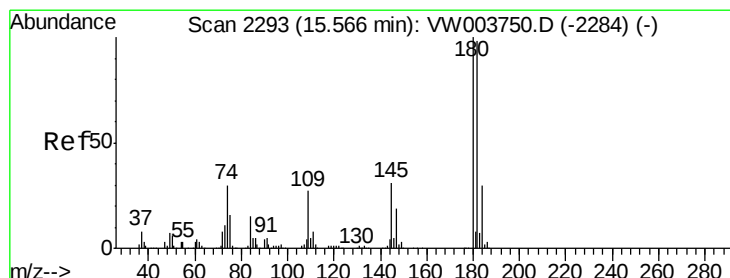
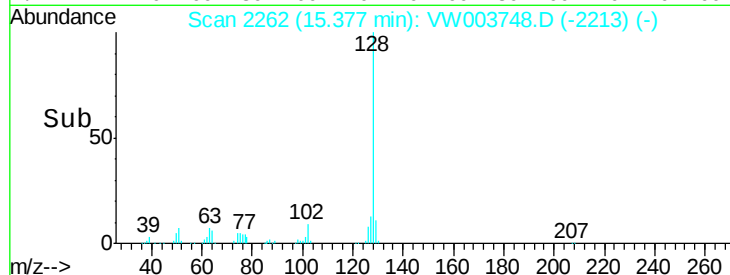
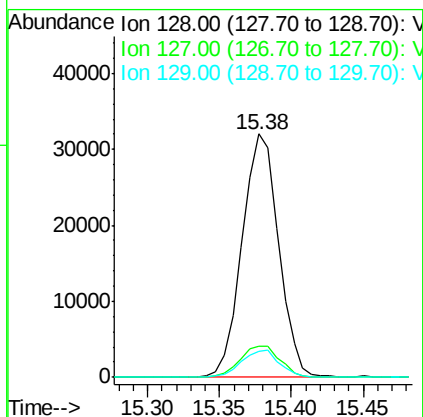
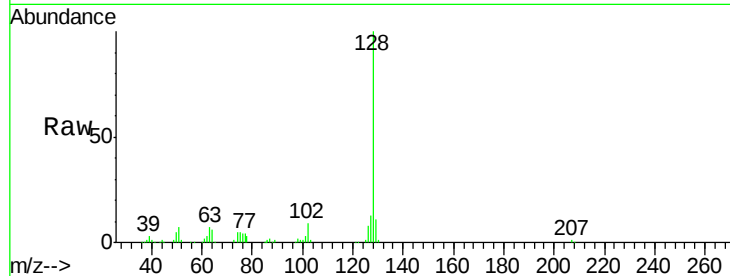
#95
Naphthalene
Concen: 8.64 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VW003748.D
Acq: 06 Jul 2018 23:14

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.2	10.8	16.2
129	11.5	8.6	13.0

Manual Integrations
APPROVED

apatel
7/9/2018 9:50:47 AM



#96
1,2,3-Trichlorobenzene
Concen: 9.98 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VW003748.D
Acq: 06 Jul 2018 23:14

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	47.4	142.3
145	31.4	15.8	47.4

