

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072818\
 Data File : VW004245.D
 Acq On : 27 Jul 2018 01:55
 Operator : SY/AP
 Sample : VW0728SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0728SBS01

Manual Integrations
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 7/27/2018 12:36:49 PM

Quant Time: Jul 27 07:51:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 15:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	237091	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	386055	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	360242	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	194169	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	156720	59.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.28%	
35) Dibromofluoromethane	7.88	113	137206	55.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.78%	
50) Toluene-d8	10.33	98	537983	55.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.94%	
62) 4-Bromofluorobenzene	12.62	95	192209	55.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.92%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.00	85	23006m	17.279	ug/l
3) Chloromethane	2.21	50	43741	24.959	ug/l
4) Vinyl Chloride	2.35	62	49345	20.471	ug/l
5) Bromomethane	2.76	94	30911	20.517	ug/l
6) Chloroethane	2.91	64	29147	21.282	ug/l
7) Trichlorofluoromethane	3.24	101	21834	21.575	ug/l
8) Diethyl Ether	3.67	74	30244	25.747	ug/l
9) 1,1,2-Trichlorotrifluoroet	4.05	101	49777	21.316	ug/l
10) Methyl Iodide	4.26	142	72424	21.594	ug/l
11) Tert butyl alcohol	5.18	59	23939	130.849	ug/l
12) 1,1-Dichloroethene	4.03	96	49697	21.568	ug/l
13) Acrolein	3.89	56	18563	98.749	ug/l
14) Allyl chloride	4.65	41	85863	22.576	ug/l
15) Acrylonitrile	5.37	53	73986	122.915	ug/l
16) Acetone	4.12	43	63601	99.869	ug/l
17) Carbon Disulfide	4.37	76	157543	21.905	ug/l
18) Methyl Acetate	4.67	43	37540	24.557	ug/l
19) Methyl tert-butyl Ether	5.42	73	100965	22.864	ug/l
20) Methylene Chloride	4.91	84	64806	18.022	ug/l
21) trans-1,2-Dichloroethene	5.41	96	56380	22.322	ug/l
22) Diisopropyl ether	6.31	45	189139	24.607	ug/l
23) Vinyl Acetate	6.26	43	553862	113.722	ug/l
24) 1,1-Dichloroethane	6.21	63	109511	23.350	ug/l
25) 2-Butanone	7.18	43	97770	114.083	ug/l
26) 2,2-Dichloropropane	7.17	77	51718	19.210	ug/l
27) cis-1,2-Dichloroethene	7.16	96	60880	22.298	ug/l
28) Bromochloromethane	7.51	49	46987	24.480	ug/l
29) Tetrahydrofuran	7.53	42	65229	122.191	ug/l
30) Chloroform	7.68	83	110277	23.638	ug/l
31) Cyclohexane	7.95	56	89168	20.282	ug/l
32) 1,1,1-Trichloroethane	7.87	97	80401	22.070	ug/l
36) 1,1-Dichloropropene	8.08	75	81593	20.542	ug/l
37) Ethyl Acetate	7.26	43	45361	23.677	ug/l
38) Carbon Tetrachloride	8.07	117	75953	20.465	ug/l

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	86690	18.636	ug/l	93
40) Benzene	8.32	78	246190	22.341	ug/l	97
41) Methacrylonitrile	7.48	41	23039	21.703	ug/l	97
42) 1,2-Dichloroethane	8.40	62	77187	22.959	ug/l	99
43) Isopropyl Acetate	8.43	43	80163	22.372	ug/l	99
44) Trichloroethene	9.09	130	60279	21.103	ug/l	98
45) 1,2-Dichloropropane	9.37	63	65414	23.258	ug/l	98
46) Dibromomethane	9.46	93	33979	23.282	ug/l	98
47) Bromodichloromethane	9.65	83	80522	22.380	ug/l	99
48) Methyl methacrylate	9.44	41	38160	22.021	ug/l	98
49) 1,4-Dioxane	9.45	88	11283	502.944	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	223279	116.960	ug/l	98
52) Toluene	10.39	92	152712	22.411	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	77740	20.663	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	90476	21.021	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	47250	23.020	ug/l	99
56) Ethyl methacrylate	10.65	69	56604	21.090	ug/l	96
57) 1,3-Dichloropropane	10.93	76	80131	22.470	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	138495	113.737	ug/l	100
59) 2-Hexanone	10.98	43	150396	111.777	ug/l	96
60) Dibromochloromethane	11.13	129	52672	22.035	ug/l	99
61) 1,2-Dibromoethane	11.24	107	45117	23.100	ug/l	98
64) Tetrachloroethene	10.87	164	56076	22.686	ug/l	96
65) Chlorobenzene	11.66	112	161522	21.086	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	55793	20.960	ug/l	98
67) Ethyl Benzene	11.74	91	270207	20.080	ug/l	100
68) m/p-Xylenes	11.85	106	213382	41.489	ug/l	98
69) o-Xylene	12.17	106	98731	20.695	ug/l	98
70) Styrene	12.19	104	171699	21.547	ug/l	100
71) Bromoform	12.35	173	33118	22.036	ug/l #	99
73) Isopropylbenzene	12.47	105	264581	19.284	ug/l	100
74) N-amyl acetate	12.28	43	77845	21.775	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	58302	21.972	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	40419m	20.968	ug/l	
77) Bromobenzene	12.76	156	67786	20.647	ug/l	97
78) n-propylbenzene	12.81	91	339083	20.144	ug/l	98
79) 2-Chlorotoluene	12.90	91	194034	20.438	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	230151	19.933	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	16521	18.958	ug/l	96
82) 4-Chlorotoluene	12.99	91	212609	20.868	ug/l	99
83) tert-Butylbenzene	13.21	119	187129	19.304	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	244475	20.580	ug/l	99
85) sec-Butylbenzene	13.39	105	283644	19.720	ug/l	100
86) p-Isopropyltoluene	13.51	119	247548	19.621	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	135411	20.650	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	135924	20.669	ug/l	99
89) n-Butylbenzene	13.83	91	231483	18.664	ug/l	99
90) Hexachloroethane	14.10	117	46331	19.922	ug/l	96
91) 1,2-Dichlorobenzene	13.88	146	121716	20.834	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	9887	20.954	ug/l	99

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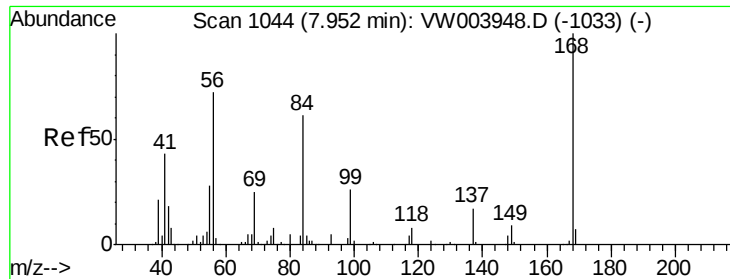
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	81301	19.814	ug/l	97
94) Hexachlorobutadiene	15.25	225	45711	19.401	ug/l	99
95) Naphthalene	15.38	128	153629	20.286	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	74048	20.383	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW004245.D

Acq: 27 Jul 2018 01:55

Instrument :

MSVOA_W

ClientSampleId :

VW0728SBS01

Tot Ion:168 Resp: 237091

Ion Ratio Lower Upper

168 100

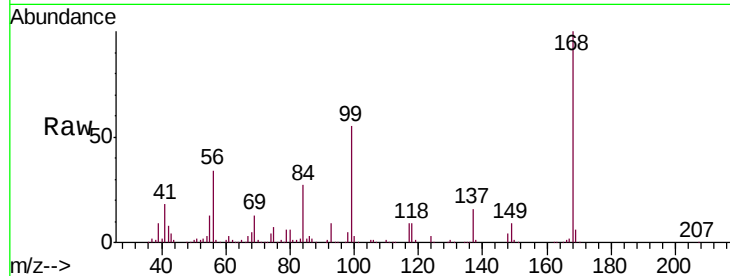
99 55.1 43.8 65.6

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

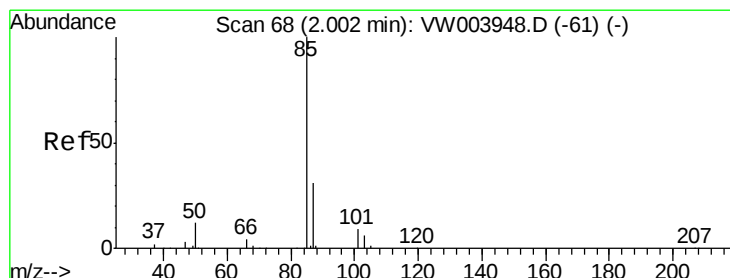
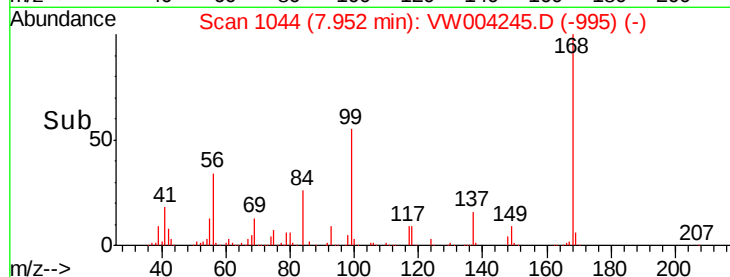
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 17.279 ug/l m

RT: 2.00 min Scan# 68

Delta R.T. -0.00 min

Lab File: VW004245.D

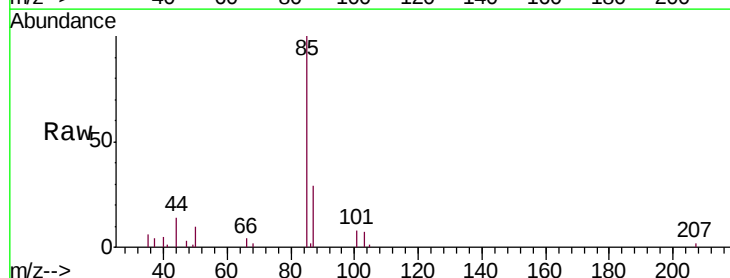
Acq: 27 Jul 2018 01:55

Tgt Ion: 85 Resp: 23006

Ion Ratio Lower Upper

85 100

87 29.3 15.4 46.2



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

8000

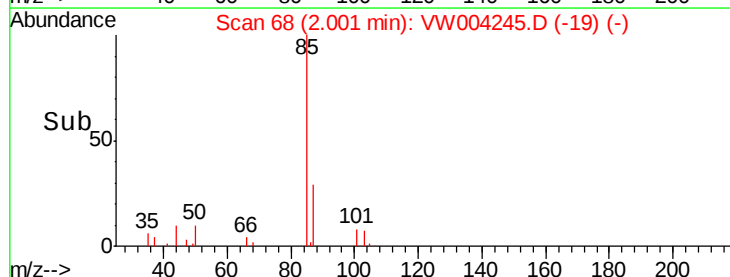
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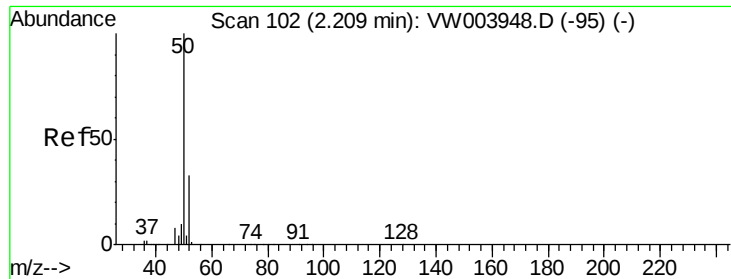
4000

2000

0

Time-->





#3

Chloromethane

Concen: 24.959 ug/l

RT: 2.21 min Scan# 102

Delta R.T. -0.00 min

Lab File: VW004245.D

Acq: 27 Jul 2018 01:55

Instrument :

MSVOA_W

ClientSampleId :

VW0728SBS01

Tot Ion: 50 Resp: 43741

Ion Ratio Lower Upper

50 100

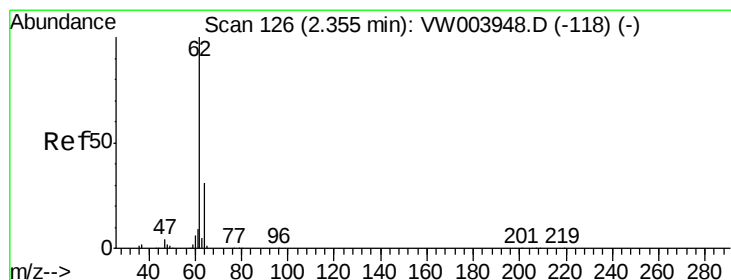
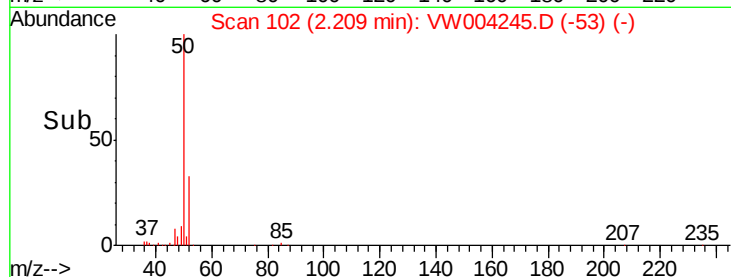
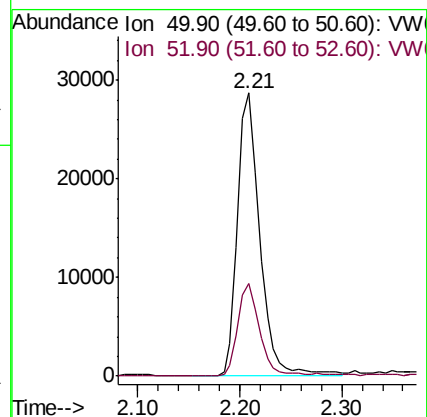
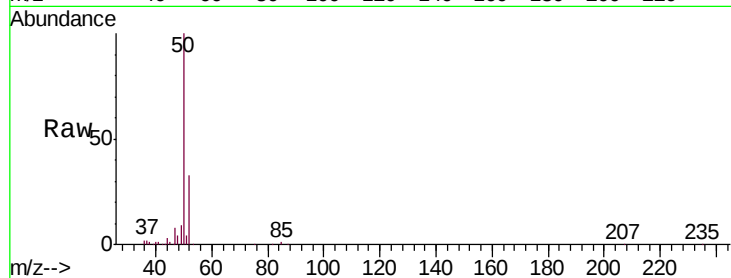
52 32.6 26.3 39.5

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#4

Vinyl Chloride

Concen: 20.471 ug/l

RT: 2.35 min Scan# 125

Delta R.T. -0.01 min

Lab File: VW004245.D

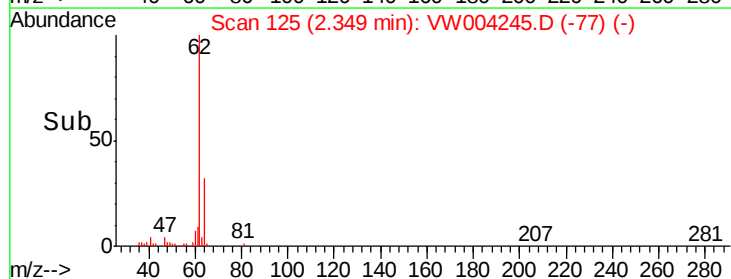
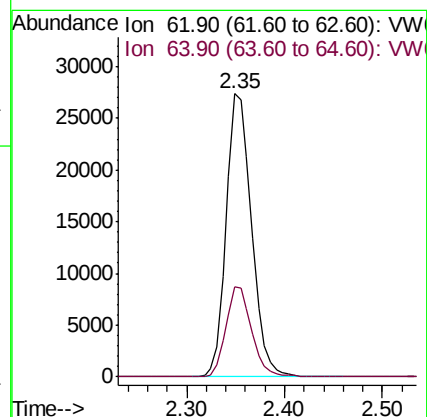
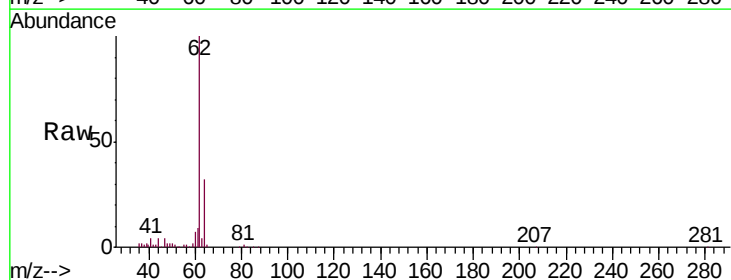
Acq: 27 Jul 2018 01:55

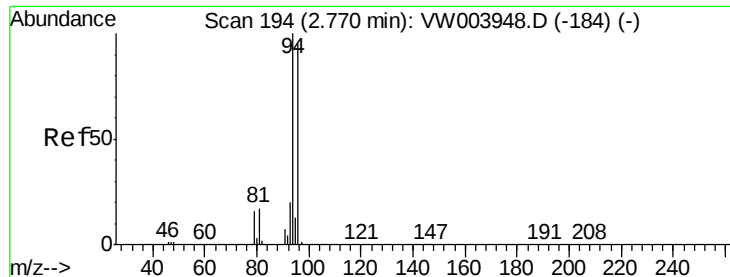
Tgt Ion: 62 Resp: 49345

Ion Ratio Lower Upper

62 100

64 31.8 25.0 37.6





#5

Bromomethane

Concen: 20.517 ug/l

RT: 2.76 min Scan# 193

Delta R.T. -0.01 min

Lab File: VW004245.D

Acq: 27 Jul 2018 01:55

Instrument :

MSVOA_W

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VW0728SBS01

Tot Ion: 94 Resp: 30911

Ion Ratio Lower Upper

94 100

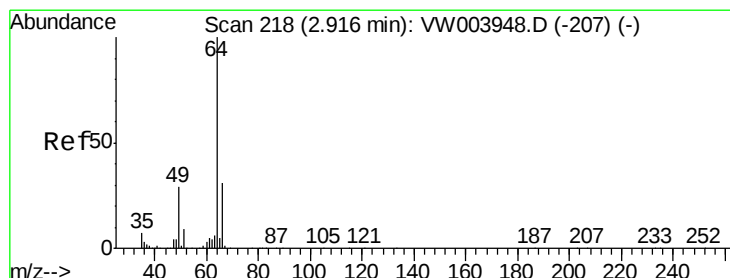
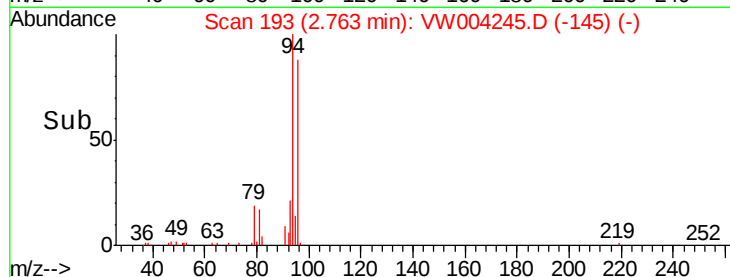
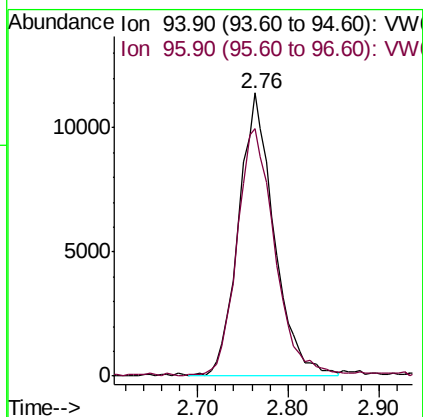
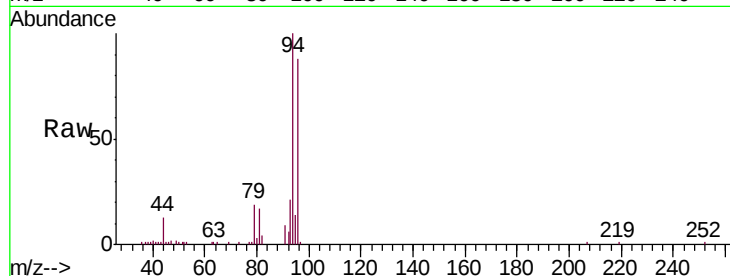
96 87.1 75.8 113.6

Manual Integrations

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#6

Chloroethane

Concen: 21.282 ug/l

RT: 2.91 min Scan# 217

Delta R.T. -0.01 min

Lab File: VW004245.D

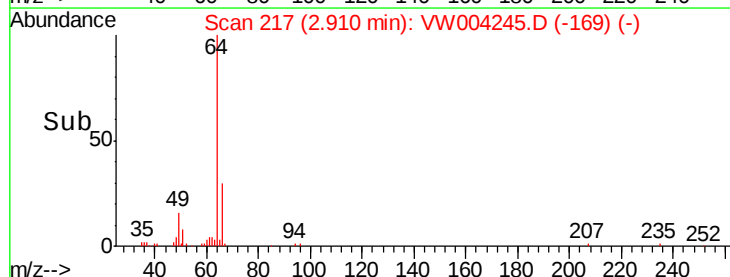
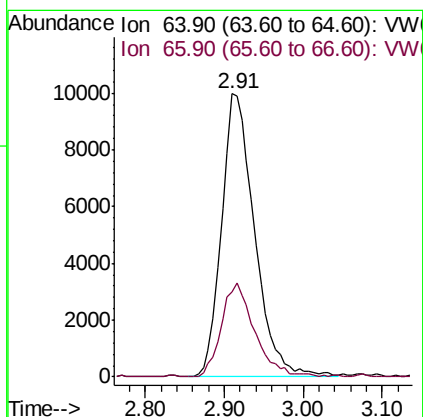
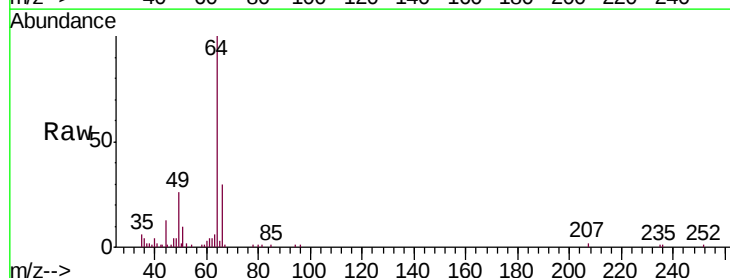
Acq: 27 Jul 2018 01:55

Tgt Ion: 64 Resp: 29147

Ion Ratio Lower Upper

64 100

66 30.0 24.5 36.7





#7

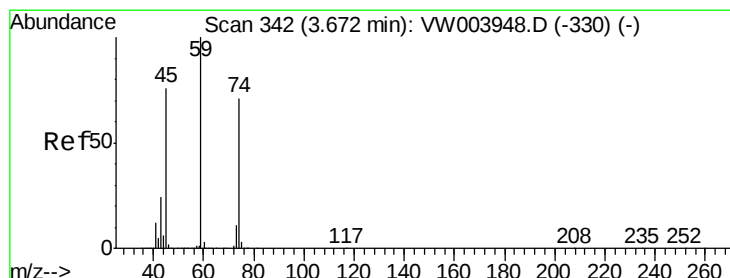
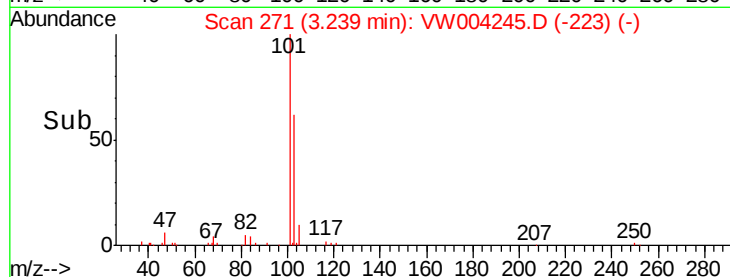
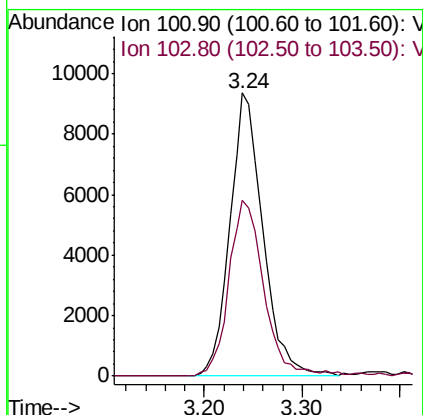
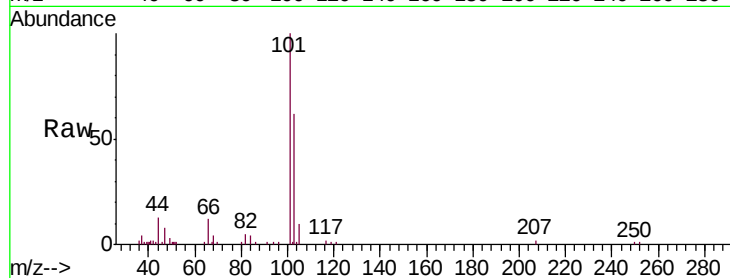
Trichlorofluoromethane
 Concen: 21.575 ug/l
 RT: 3.24 min Scan# 271
 Delta R.T. -0.01 min
 Lab File: VW004245.D
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 VW0728SBS01

Tot Ion	Ion	Ratio	Lower	Upper
21834	101	100		
	103	62.0	49.0	73.6

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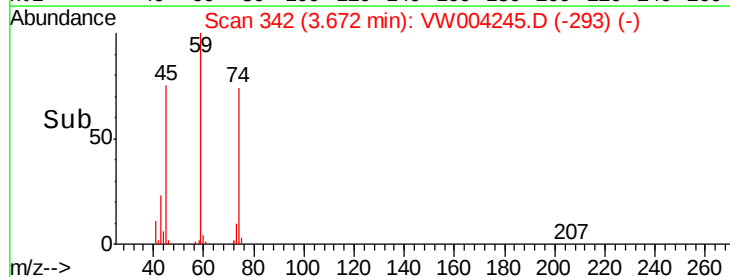
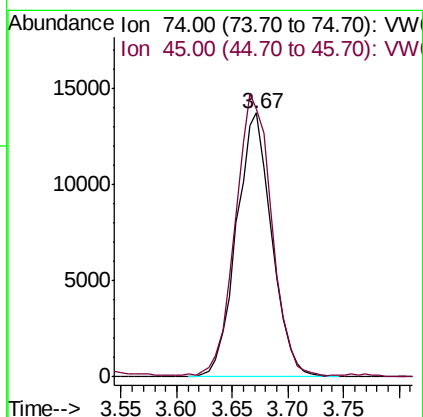
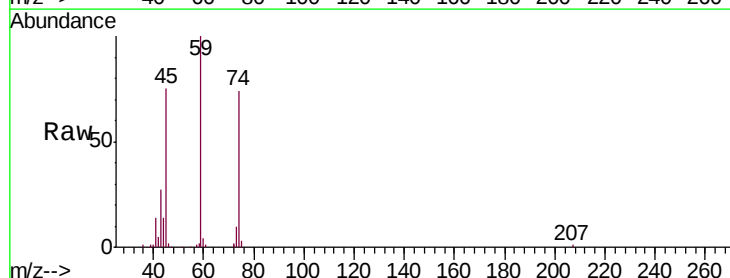
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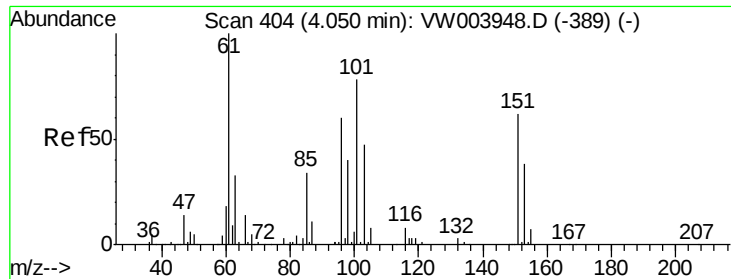


#8

Diethyl Ether
 Concen: 25.747 ug/l
 RT: 3.67 min Scan# 342
 Delta R.T. -0.00 min
 Lab File: VW004245.D
 Acq: 27 Jul 2018 01:55

Tgt Ion	Ion	Ratio	Lower	Upper
30244	74	100		
	45	110.9	53.8	161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.316 ug/l

RT: 4.05 min Scan# 404

Delta R.T. -0.00 min

Lab File: VW004245.D

Acq: 27 Jul 2018 01:55

Instrument :

MSVOA_W

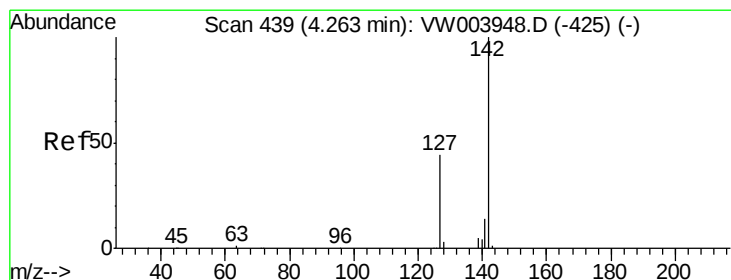
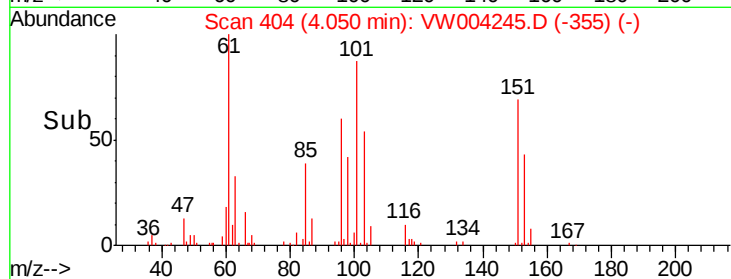
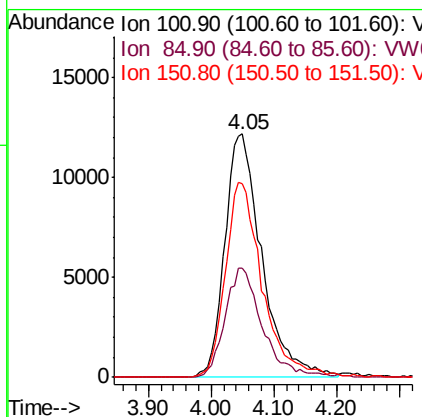
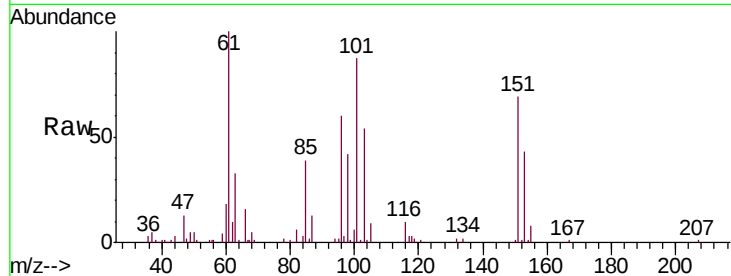
ClientSampleId :

VW0728SBS01

Tot Ion:	101	Resp:	49777
Ion Ratio	Lower	Upper	
101	100		
85	44.9	35.8	53.6
151	79.2	63.6	95.4

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#10

Methyl Iodide

Concen: 21.594 ug/l

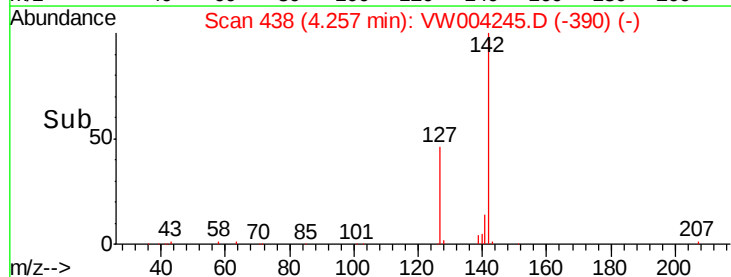
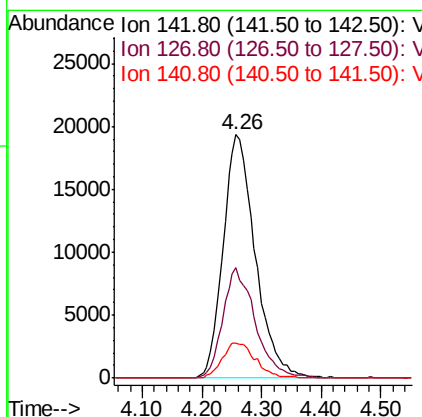
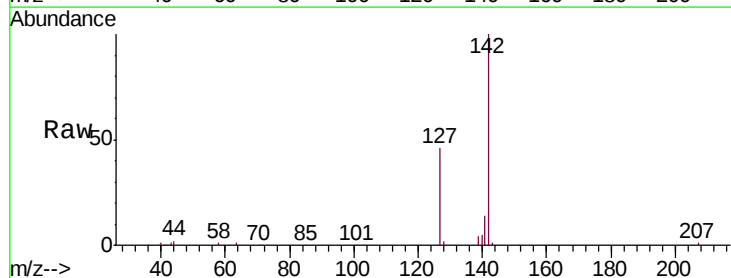
RT: 4.26 min Scan# 438

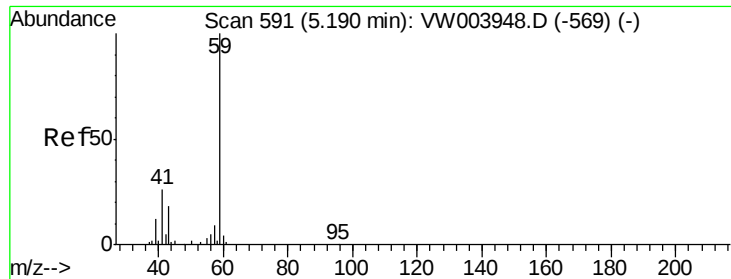
Delta R.T. -0.01 min

Lab File: VW004245.D

Acq: 27 Jul 2018 01:55

Tgt Ion:	142	Resp:	72424
Ion Ratio	Lower	Upper	
142	100		
127	45.7	35.4	53.2
141	15.0	11.7	17.5





#11

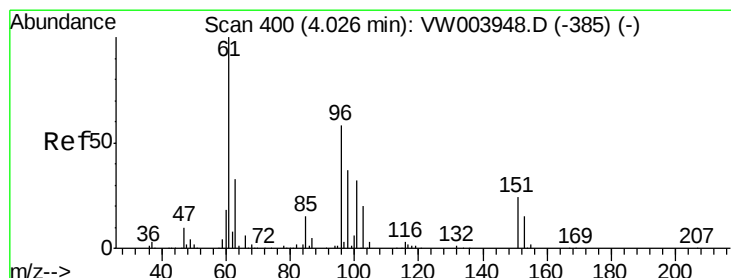
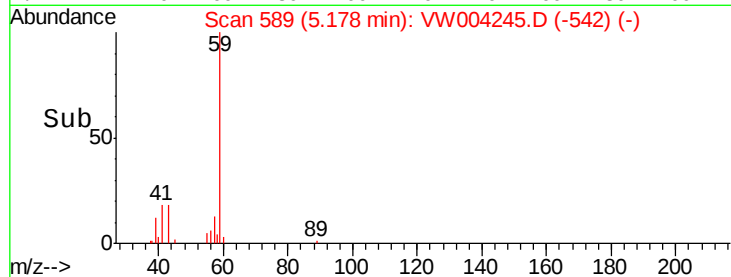
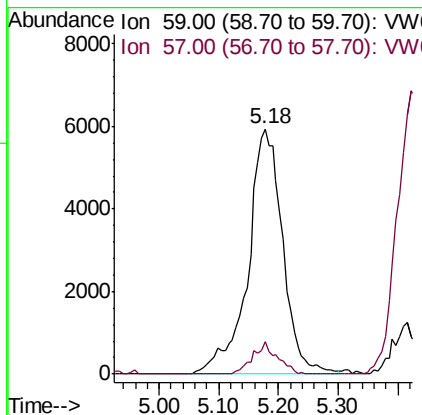
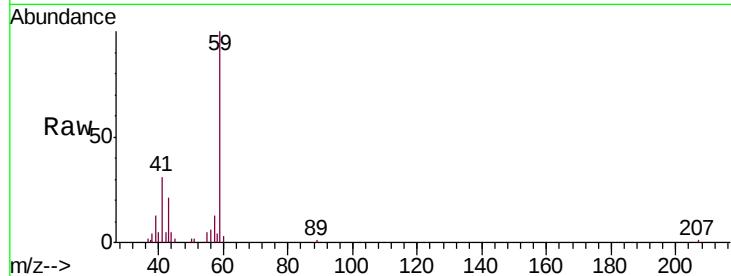
Tert butyl alcohol
 Concen: 130.849 ug/l
 RT: 5.18 min Scan# 589
 Delta R.T. -0.01 min
 Lab File: VW004245.D
 Acq: 27 Jul 2018 01:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0728SBS01

Tot Ion	59	Resp	23939
Ion Ratio	100	Lower	Upper
57	9.2	8.5	12.7

Manual Integrations
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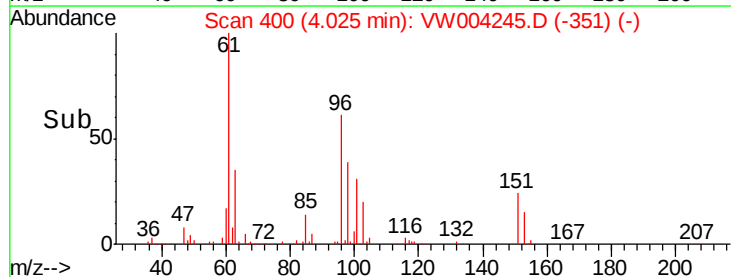
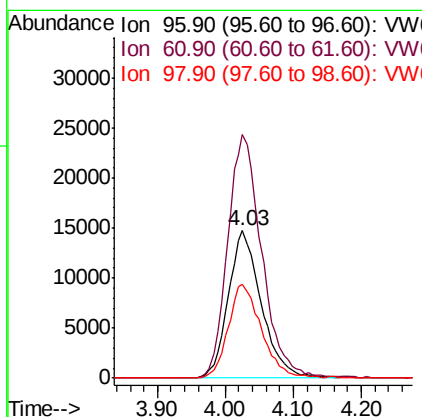
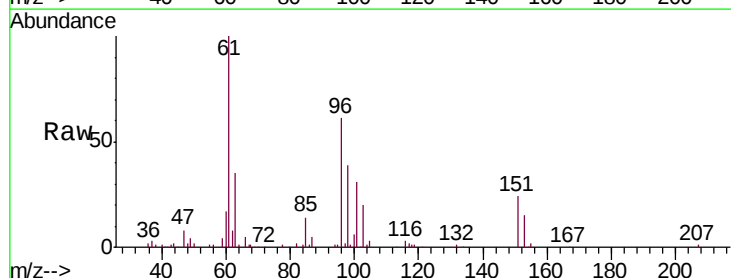
apatel
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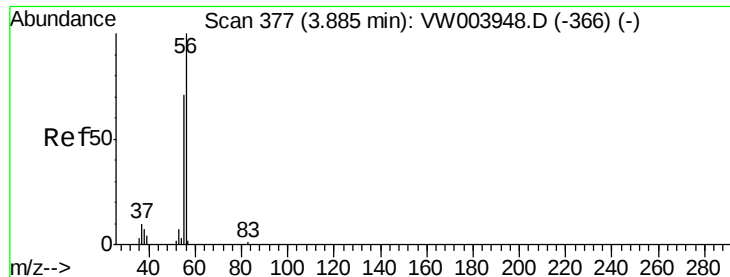


#12

1,1-Dichloroethene
 Concen: 21.568 ug/l
 RT: 4.03 min Scan# 400
 Delta R.T. -0.00 min
 Lab File: VW004245.D
 Acq: 27 Jul 2018 01:55

Tgt Ion	96	Resp	49697
Ion Ratio	100	Lower	Upper
61	165.0	137.0	205.6
98	63.8	50.2	75.4





#13

Acrolein

Concen: 98.749 ug/l

RT: 3.89 min Scan# 377

Delta R.T. -0.00 min

Lab File: VW004245.D

Acq: 27 Jul 2018 01:55

Instrument :

MSVOA_W

ClientSampleId :

VW0728SBS01

Tot Ion: 56 Resp: 18563

Ion Ratio Lower Upper

56 100

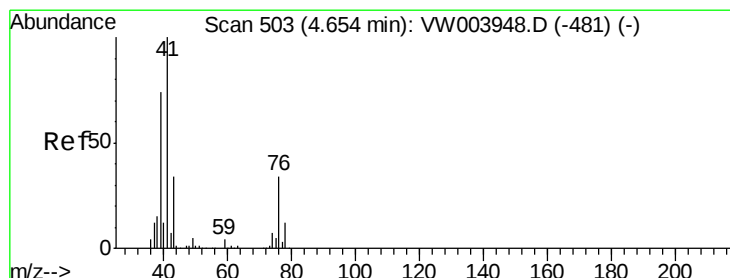
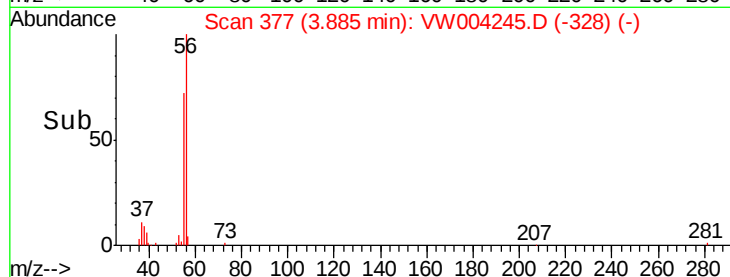
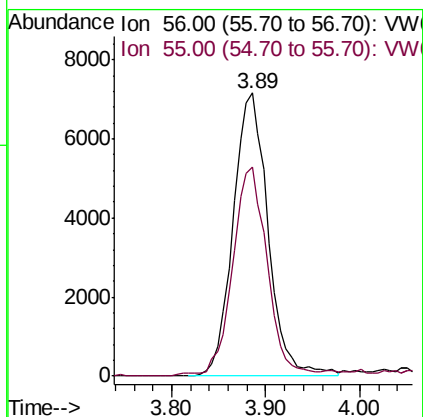
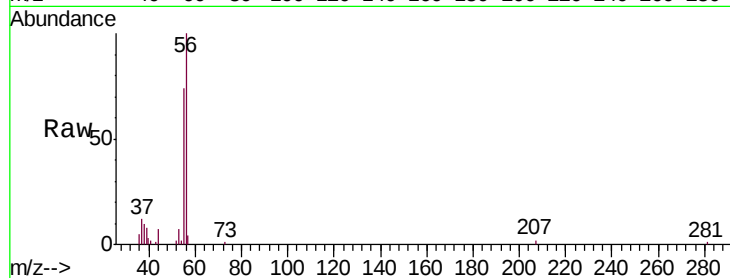
55 73.2 58.2 87.4

Manual Integrations

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#14

Allyl chloride

Concen: 22.576 ug/l

RT: 4.65 min Scan# 503

Delta R.T. -0.00 min

Lab File: VW004245.D

Acq: 27 Jul 2018 01:55

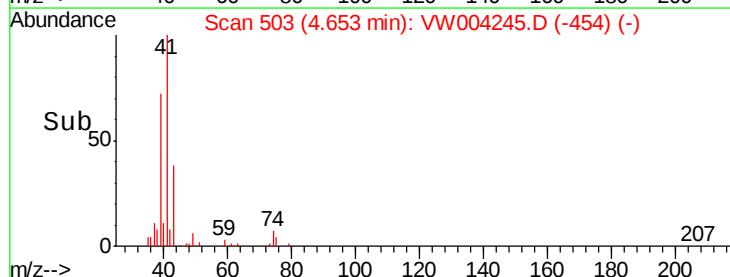
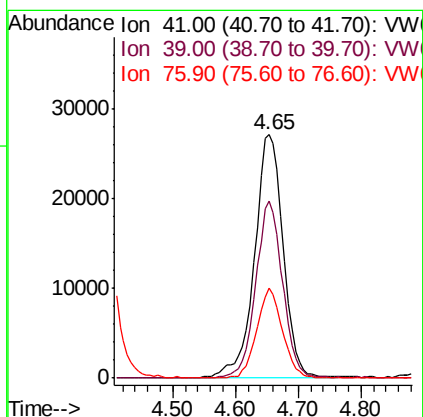
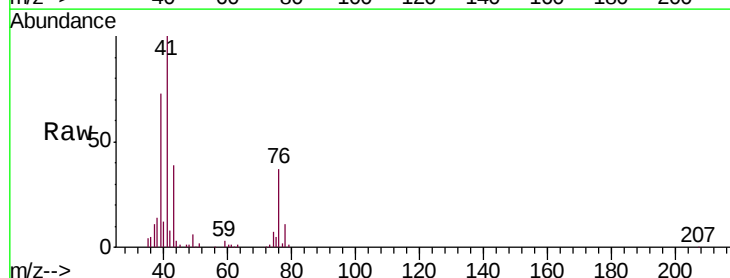
Tgt Ion: 41 Resp: 85863

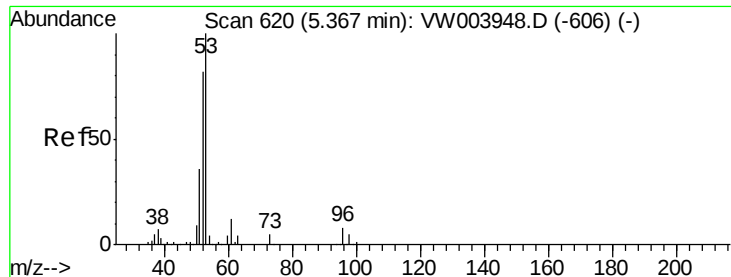
Ion Ratio Lower Upper

41 100

39 68.2 57.0 85.4

76 33.1 26.5 39.7





#15

Acrylonitrile

Concen: 122.915 ug/l

RT: 5.37 min Scan# 620

Delta R.T. -0.00 min

Lab File: VW004245.D

Acq: 27 Jul 2018 01:55

Instrument :

MSVOA_W

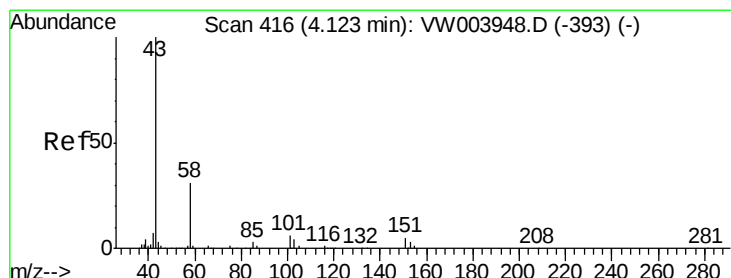
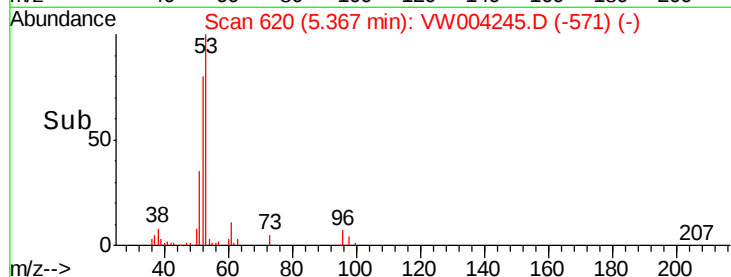
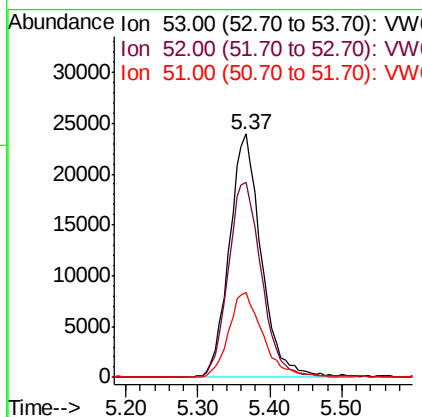
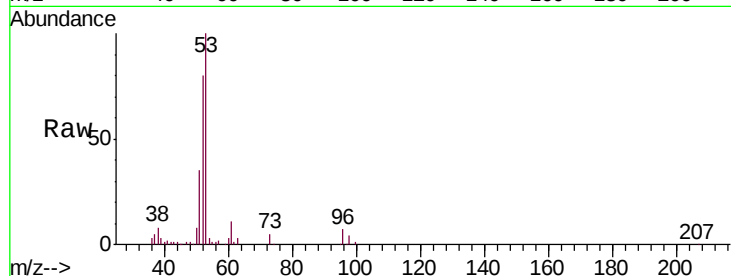
ClientSampleId :

VW0728SBS01

Tot Ion:	53	Resp:	73986
Ion Ratio	Lower	Upper	
53	100		
52	83.3	66.1	99.1
51	37.3	29.8	44.6

Manual Integrations
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#16

Acetone

Concen: 99.869 ug/l

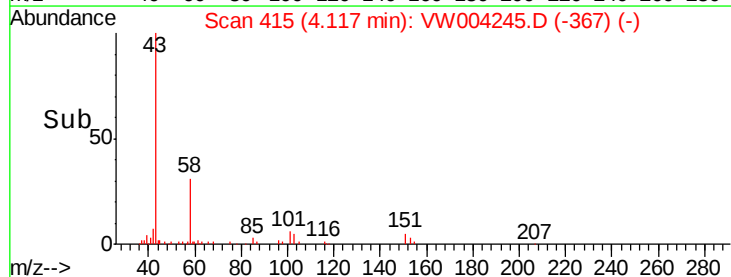
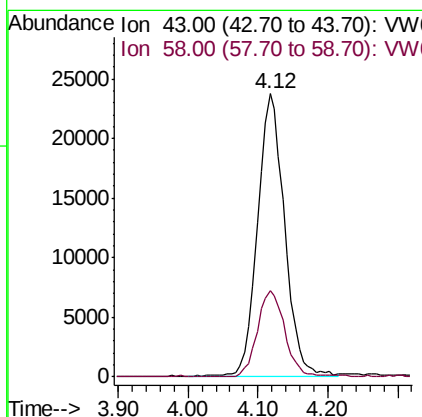
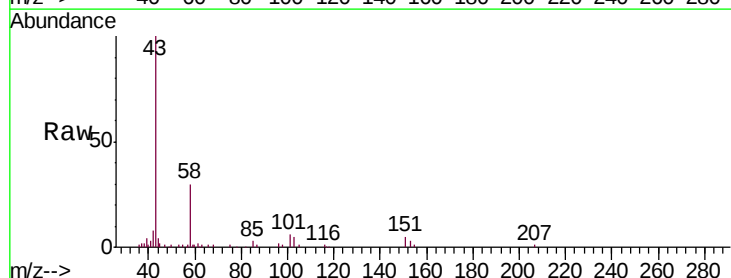
RT: 4.12 min Scan# 415

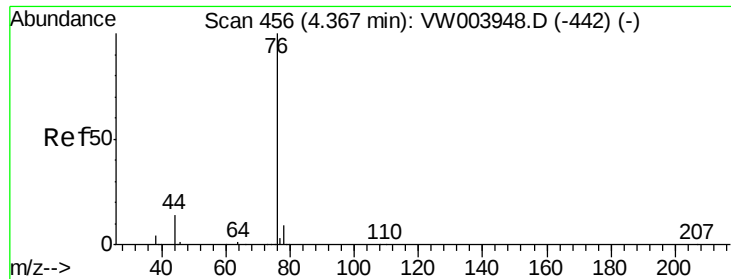
Delta R.T. -0.01 min

Lab File: VW004245.D

Acq: 27 Jul 2018 01:55

Tgt Ion:	43	Resp:	63601
Ion Ratio	Lower	Upper	
43	100		
58	30.4	24.5	36.7





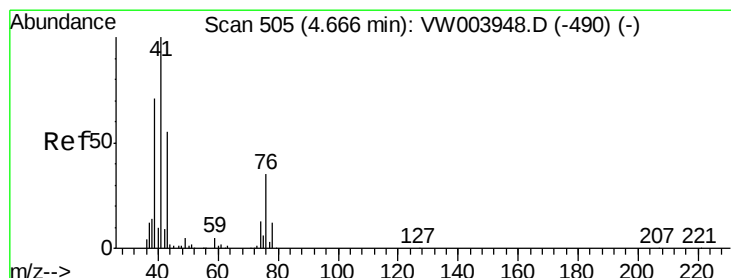
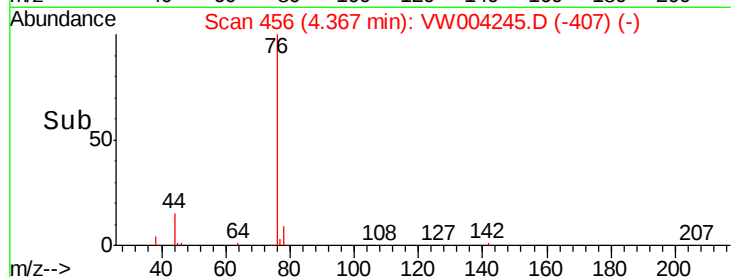
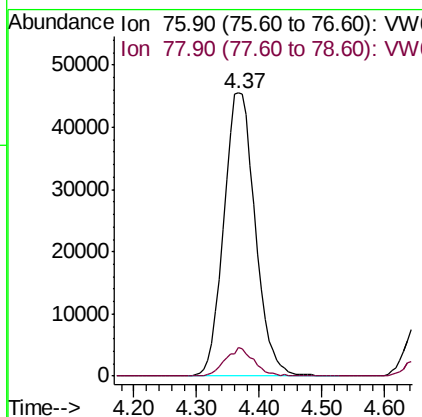
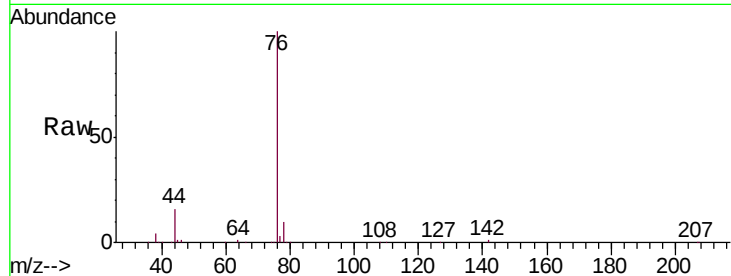
#17
Carbon Disulfide
Concen: 21.905 ug/l
RT: 4.37 min Scan# 456
Delta R.T. -0.00 min
Lab File: VW004245.D
Acq: 27 Jul 2018 01:55

Instrument :
MSVOA_W
ClientSampleId :
VW0728SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	10.0	7.1	10.7

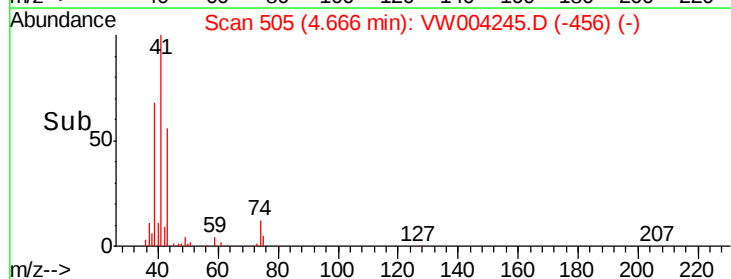
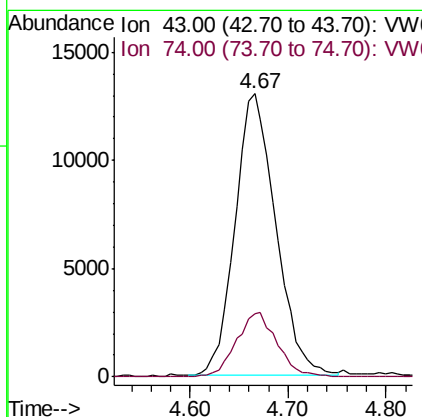
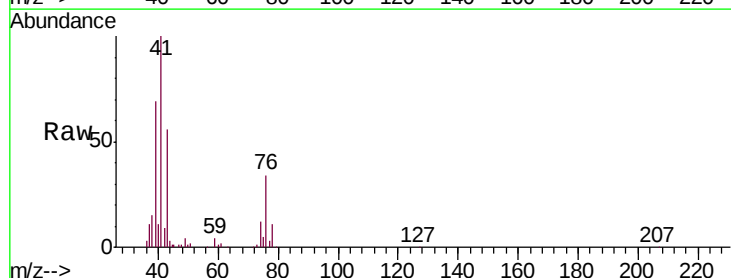
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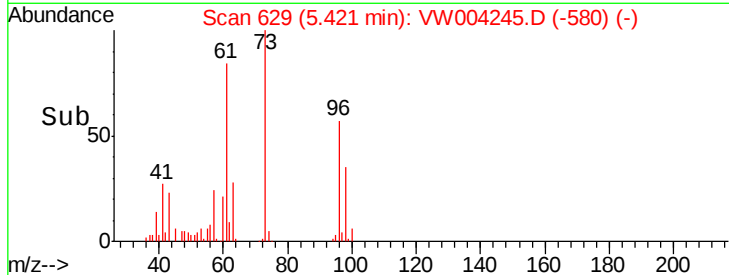
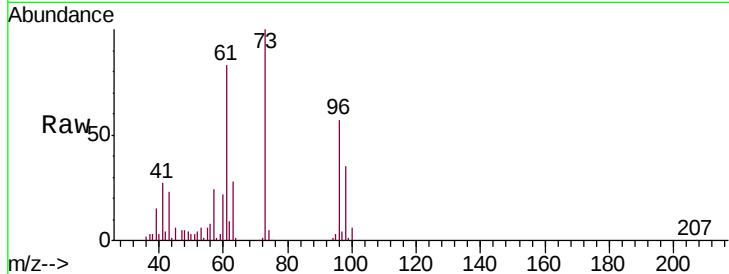
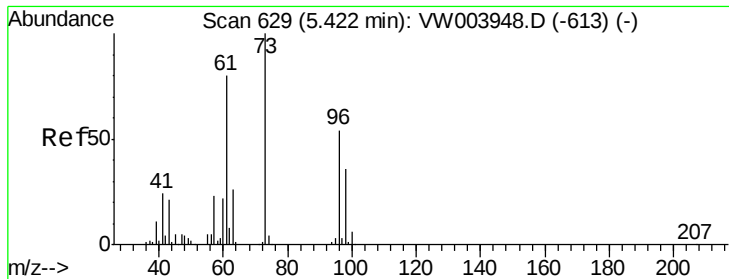
apatel
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#18
Methyl Acetate
Concen: 24.557 ug/l
RT: 4.67 min Scan# 505
Delta R.T. -0.00 min
Lab File: VW004245.D
Acq: 27 Jul 2018 01:55

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.8	17.7	26.5





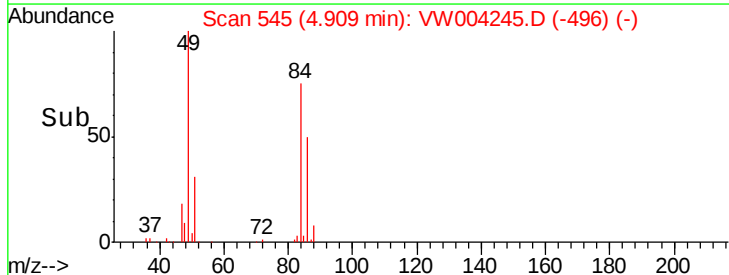
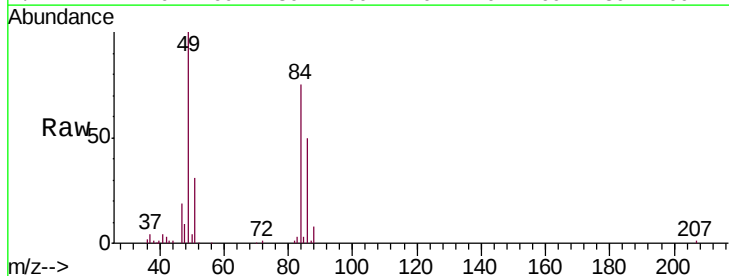
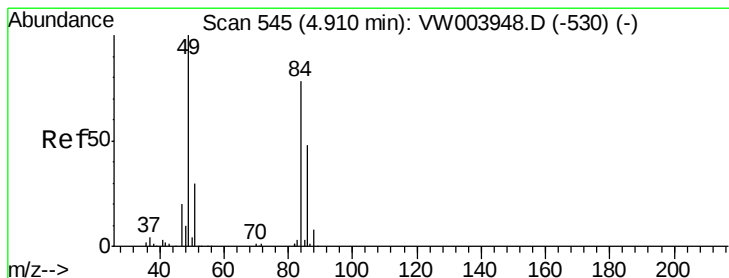
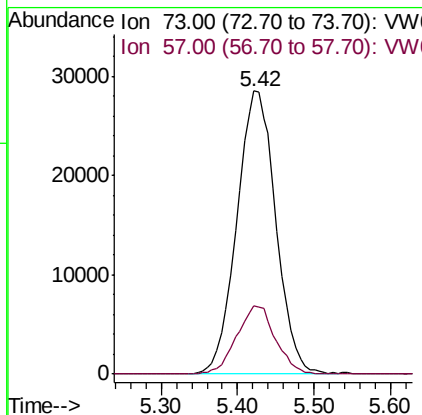
#19
Methvl tert-butvl Ether
Concen: 22.864 ug/l
RT: 5.42 min Scan# 629
Delta R.T. -0.00 min
Lab File: VW004245.D
Acq: 27 Jul 2018 01:55

Tot Ion: 73 Resp: 100965
Ion Ratio Lower Upper
73 100
57 24.0 18.2 27.4

Instrument :
MSVOA_W
ClientSampleId :
VW0728SBS01

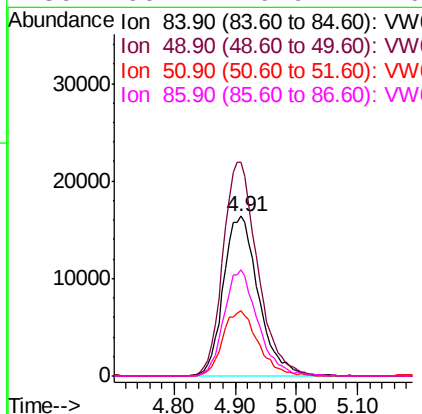
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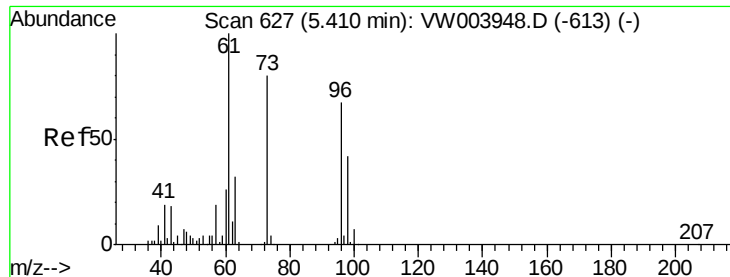
apatel
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#20
Methylene Chloride
Concen: 18.022 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW004245.D
Acq: 27 Jul 2018 01:55

Tgt Ion: 84 Resp: 64806
Ion Ratio Lower Upper
84 100
49 133.5 102.9 154.3
51 40.8 30.9 46.3
86 66.2 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 22.322 ug/l

RT: 5.41 min Scan# 627

Delta R.T. -0.00 min

Lab File: VW004245.D

Acq: 27 Jul 2018 01:55

Instrument :

MSVOA_W

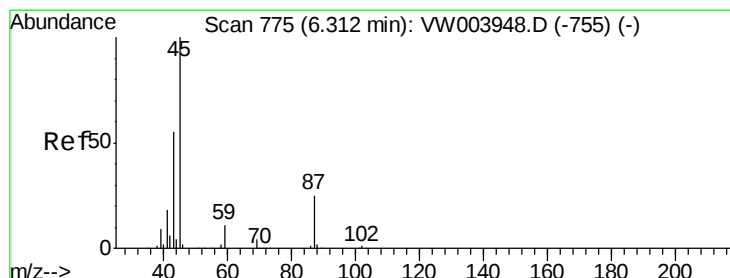
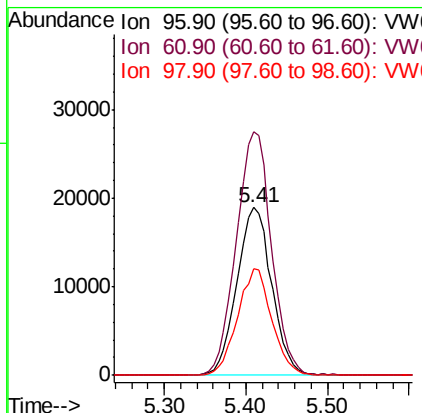
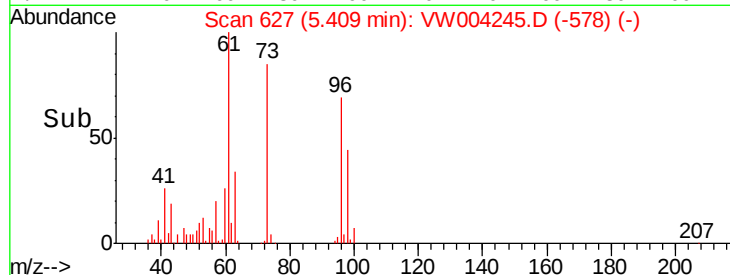
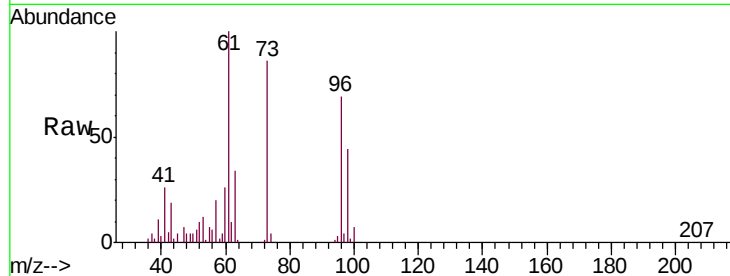
ClientSampleId :

VW0728SBS01

Tot Ion:	96	Resp:	56380
Ion Ratio	Lower	Upper	
96	100		
61	145.3	119.0	178.4
98	63.3	49.9	74.9

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#22

Diisopropyl ether

Concen: 24.607 ug/l

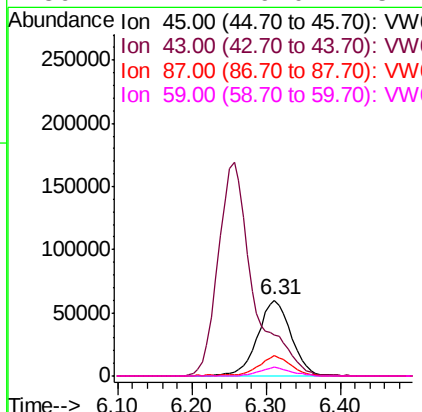
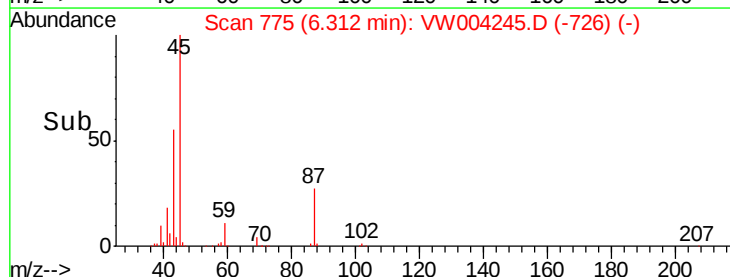
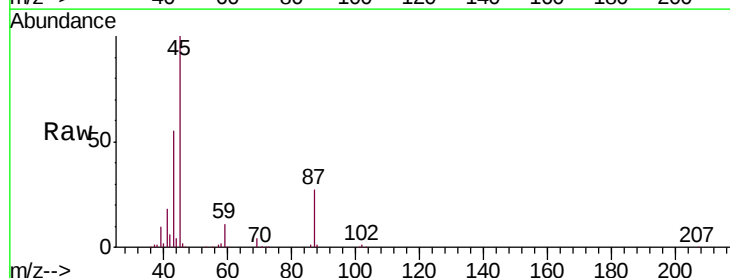
RT: 6.31 min Scan# 775

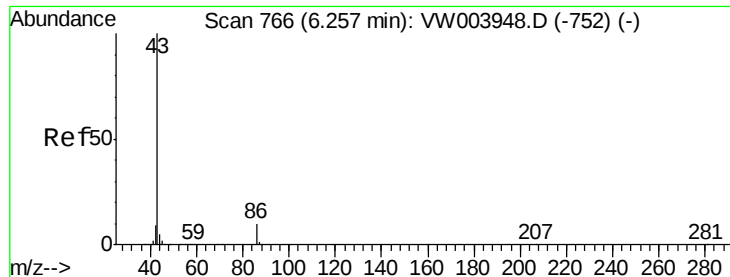
Delta R.T. -0.00 min

Lab File: VW004245.D

Acq: 27 Jul 2018 01:55

Tgt Ion:	45	Resp:	189139
Ion Ratio	Lower	Upper	
45	100		
43	53.7	44.3	66.5
87	26.5	20.2	30.4
59	11.1	9.0	13.4





#23

Vinyl Acetate

Concen: 113.722 ug/l

RT: 6.26 min Scan# 766

Delta R.T. -0.00 min

Lab File: VW004245.D

Acq: 27 Jul 2018 01:55

Instrument :

MSVOA_W

ClientSampleId :

VW0728SBS01

Tot Ion: 43 Resp: 553862

Ion Ratio Lower Upper

43 100

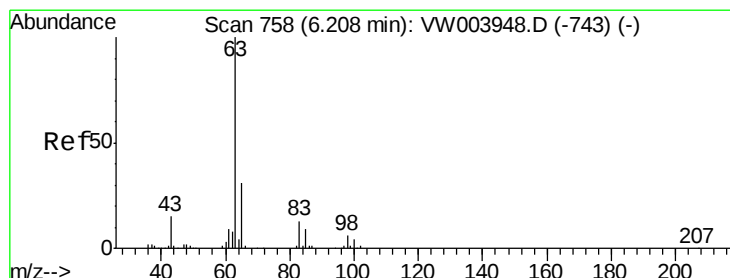
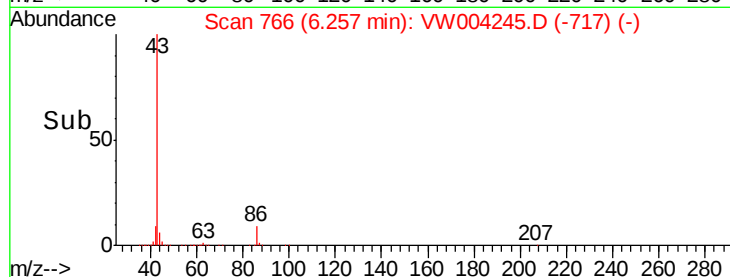
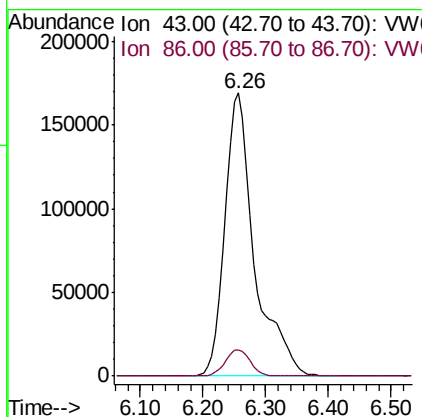
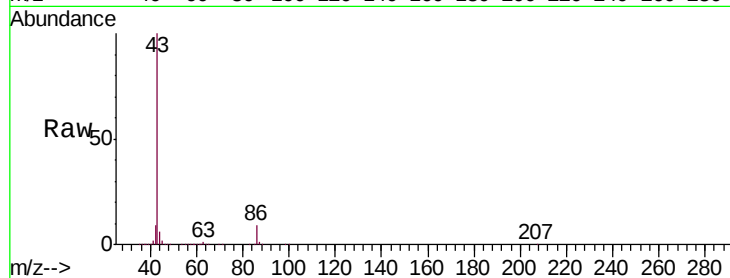
86 9.3 7.6 11.4

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 23.350 ug/l

RT: 6.21 min Scan# 758

Delta R.T. -0.00 min

Lab File: VW004245.D

Acq: 27 Jul 2018 01:55

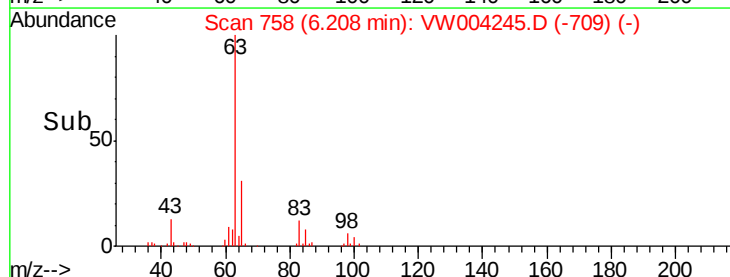
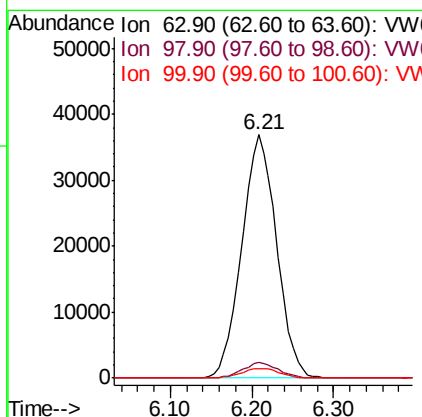
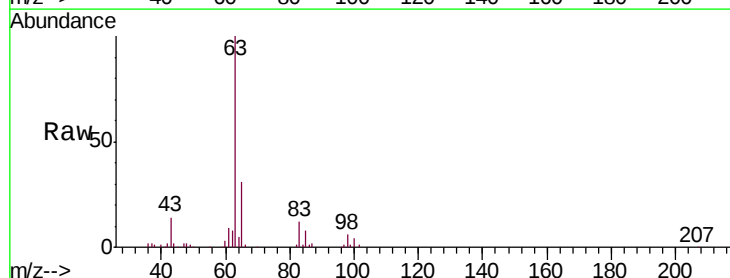
Tgt Ion: 63 Resp: 109511

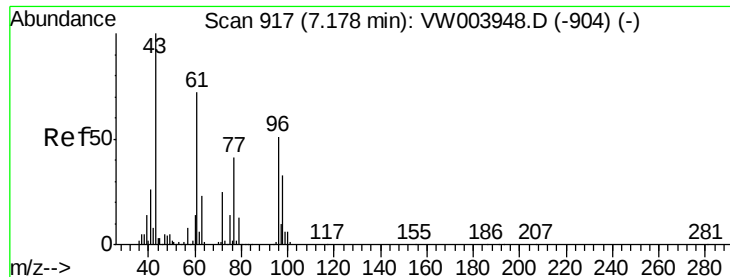
Ion Ratio Lower Upper

63 100

98 6.3 3.1 9.4

100 4.1 2.1 6.5





#25

2-Butanone

Concen: 114.083 ug/l

RT: 7.18 min Scan# 917

Delta R.T. -0.00 min

Lab File: VW004245.D

Acq: 27 Jul 2018 01:55

Instrument :

MSVOA_W

ClientSampleId :

VW0728SBS01

Tot Ion: 43 Resp: 97770

Ion Ratio Lower Upper

43 100

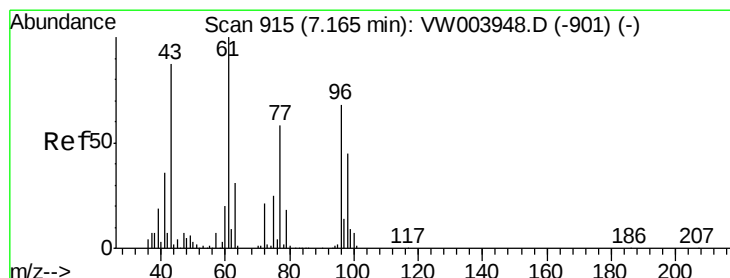
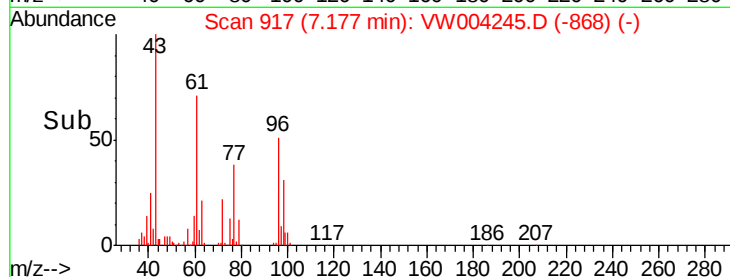
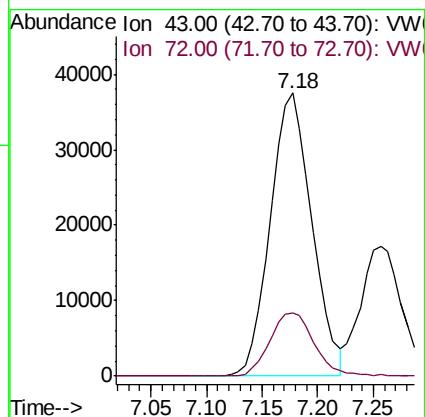
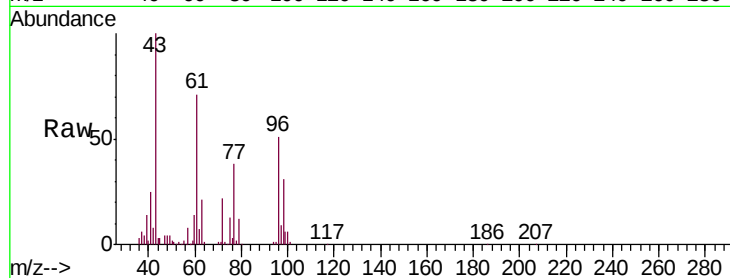
72 22.3 19.8 29.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 19.210 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW004245.D

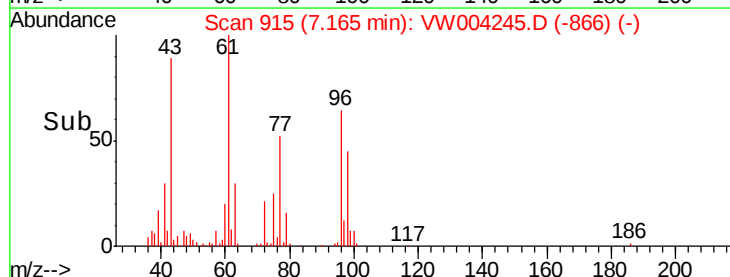
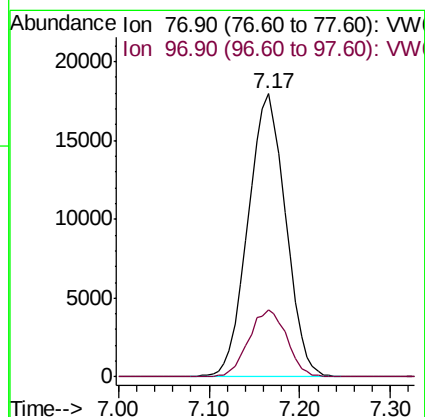
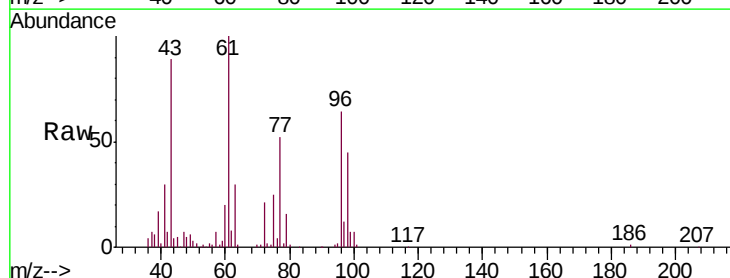
Acq: 27 Jul 2018 01:55

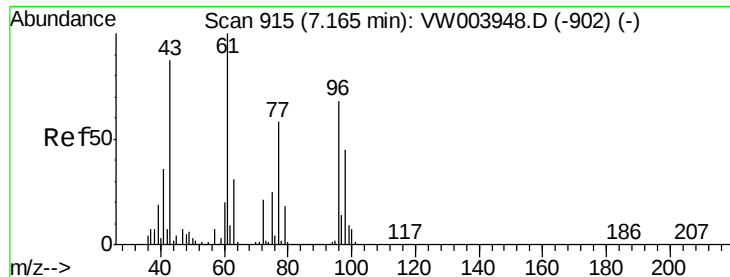
Tgt Ion: 77 Resp: 51718

Ion Ratio Lower Upper

77 100

97 23.8 11.8 35.3





#27

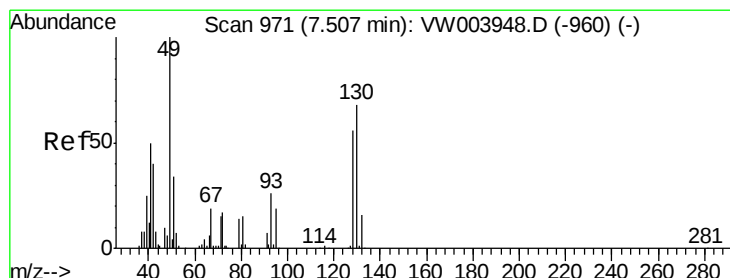
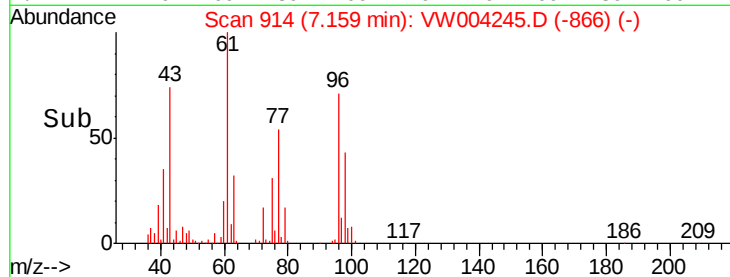
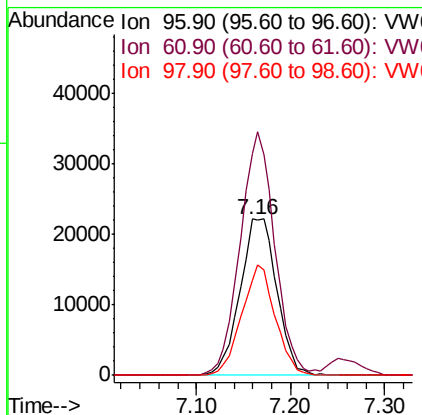
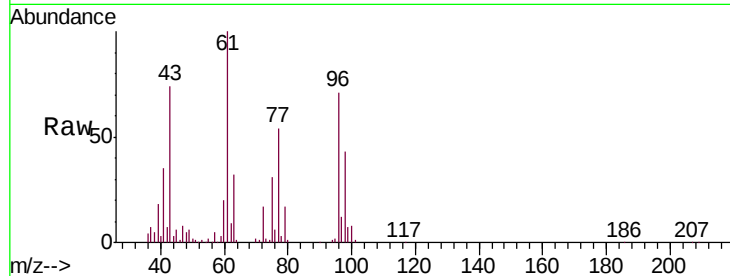
cis-1,2-Dichloroethene
 Concen: 22.298 ug/l
 RT: 7.16 min Scan# 914
 Delta R.T. -0.01 min
 Lab File: VW004245.D
 Acq: 27 Jul 2018 01:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0728SBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	60880		
61	146.1	0.0	298.6	
98	64.3	0.0	130.4	

Manual Integrations
 APPROVED

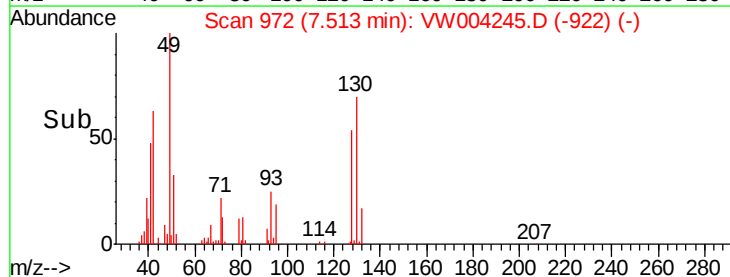
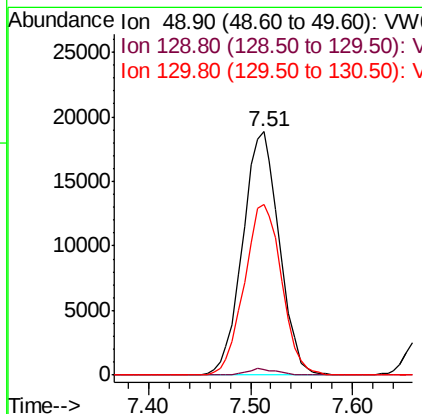
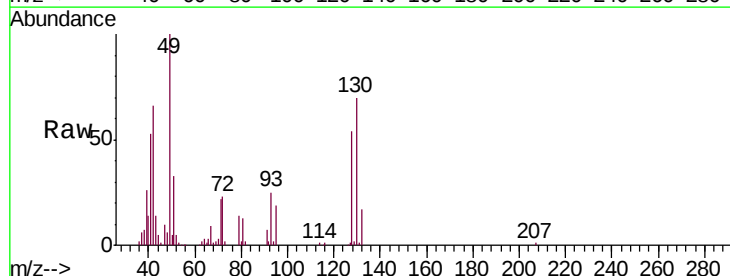
apatel
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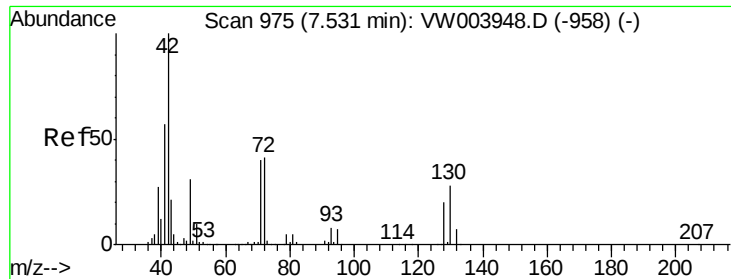


#28

Bromochloromethane
 Concen: 24.480 ug/l
 RT: 7.51 min Scan# 972
 Delta R.T. 0.01 min
 Lab File: VW004245.D
 Acq: 27 Jul 2018 01:55

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	46987		
129	2.1	0.0	2.2	
130	71.5	58.3	87.5	





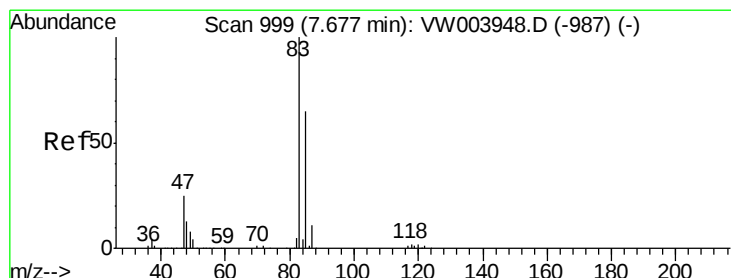
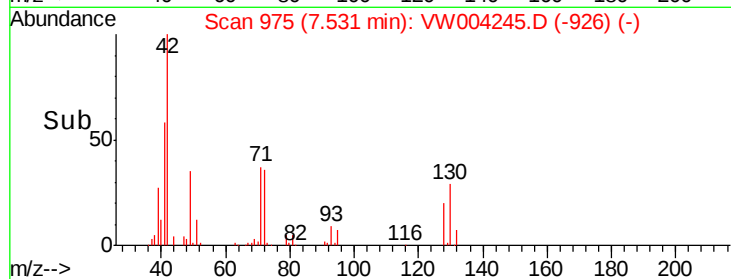
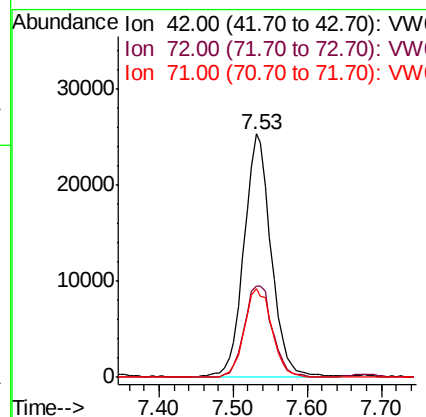
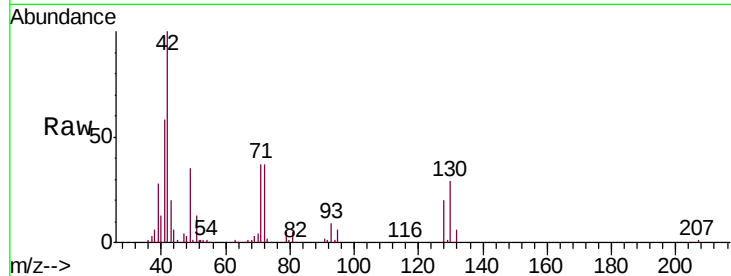
#29
Tetrahydrofuran
Concen: 122.191 ug/l
RT: 7.53 min Scan# 975
Delta R.T. -0.00 min
Lab File: VW004245.D
Acq: 27 Jul 2018 01:55

Instrument :
MSVOA_W
ClientSampleId :
VW0728SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.0	32.6	48.8
71	37.0	30.5	45.7

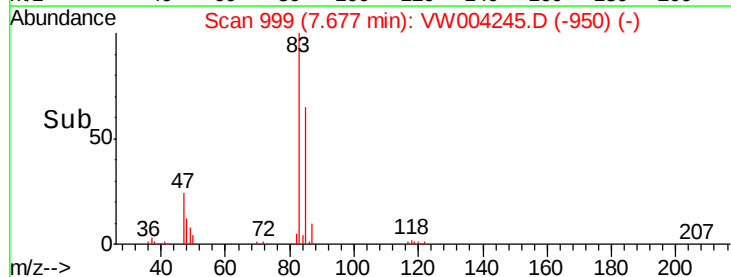
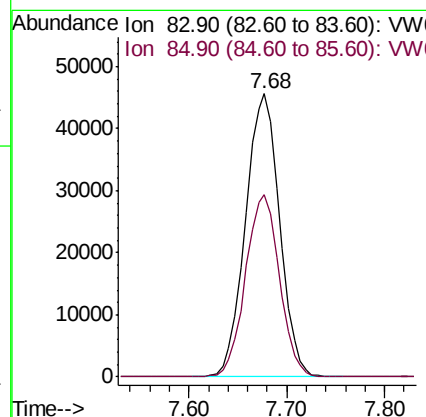
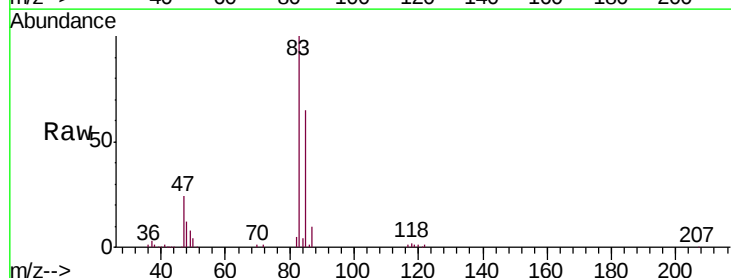
Manual Integrations
APPROVED

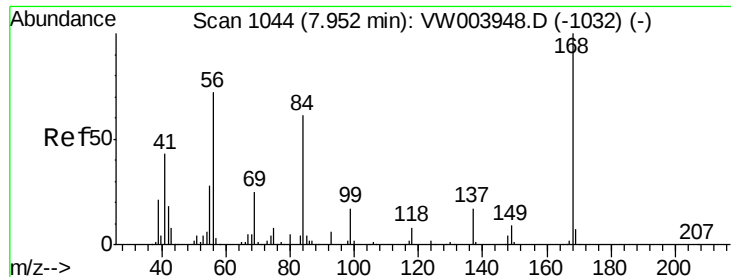
apatel
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#30
Chloroform
Concen: 23.638 ug/l
RT: 7.68 min Scan# 999
Delta R.T. -0.00 min
Lab File: VW004245.D
Acq: 27 Jul 2018 01:55

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.6	52.2	78.4





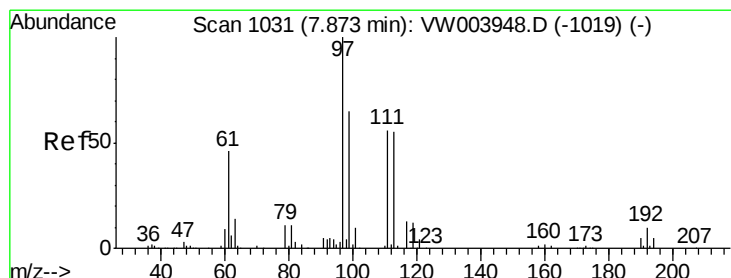
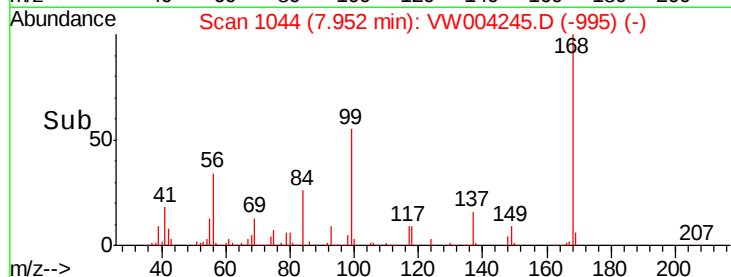
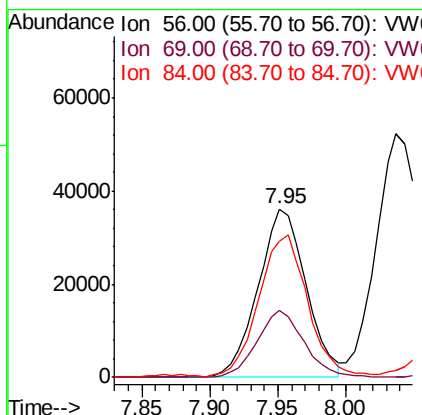
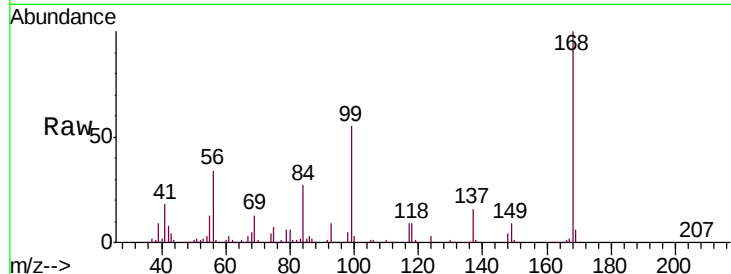
#31
Cyclohexane
Concen: 20.282 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.00 min
Lab File: VW004245.D
Acq: 27 Jul 2018 01:55

Instrument :
MSVOA_W
ClientSampleId :
VW0728SBS01

Tot Ion	56	Resp	89168
Ion Ratio	100	Lower	Upper
56	100		
69	39.9	27.8	41.8
84	80.0	67.2	100.8

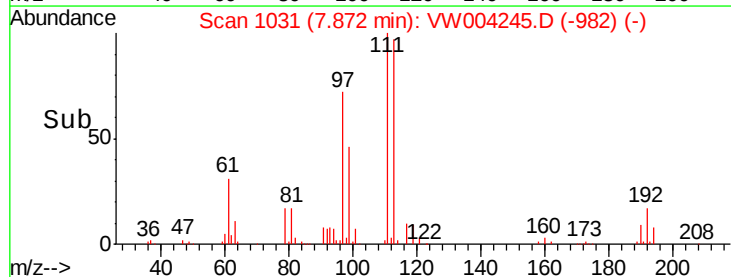
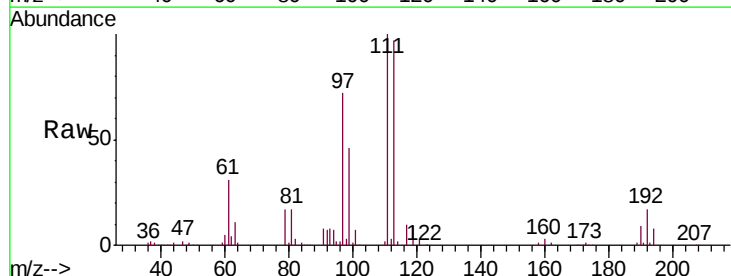
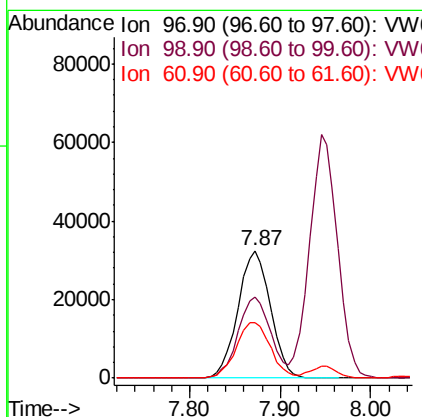
Manual Integrations
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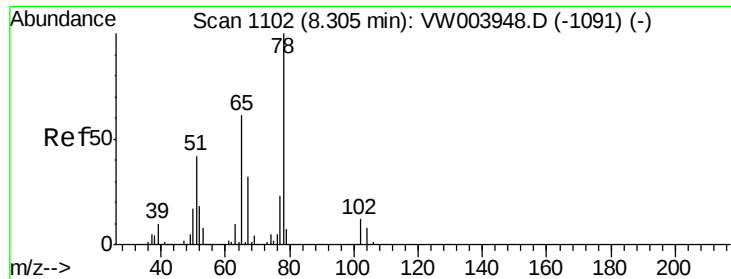
apatel
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#32
1,1,1-Trichloroethane
Concen: 22.070 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VW004245.D
Acq: 27 Jul 2018 01:55

Tgt Ion	97	Resp	80401
Ion Ratio	100	Lower	Upper
97	100		
99	64.8	51.3	76.9
61	45.8	36.8	55.2





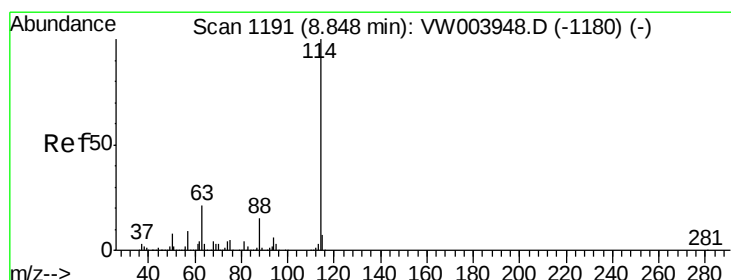
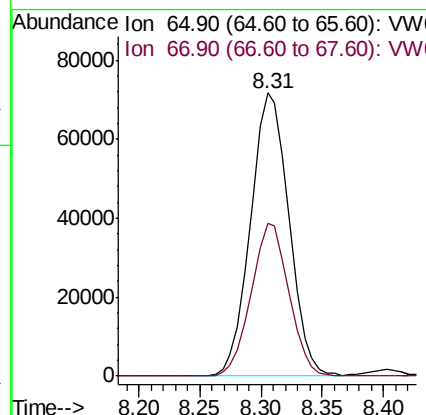
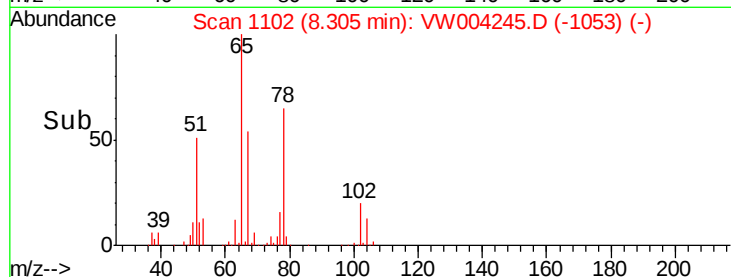
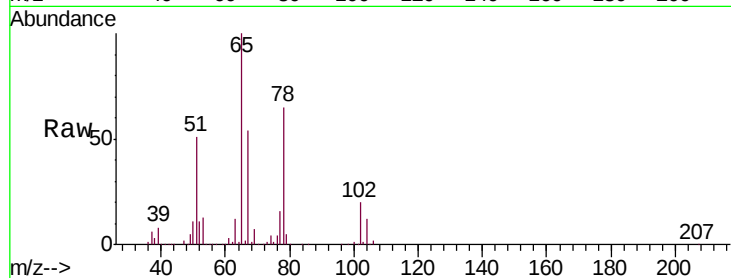
#33
 1,2-Dichloroethane-d4
 Concen: 59.135 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.00 min
 Lab File: VW004245.D
 Acq: 27 Jul 2018 01:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0728SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	53.2	0.0	105.0	

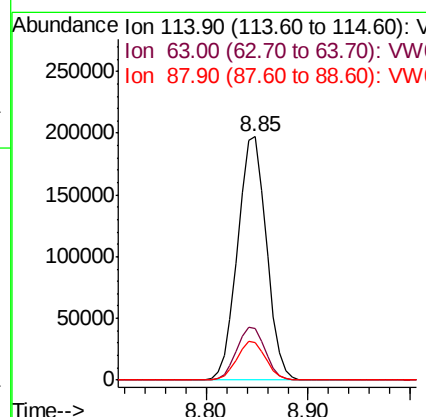
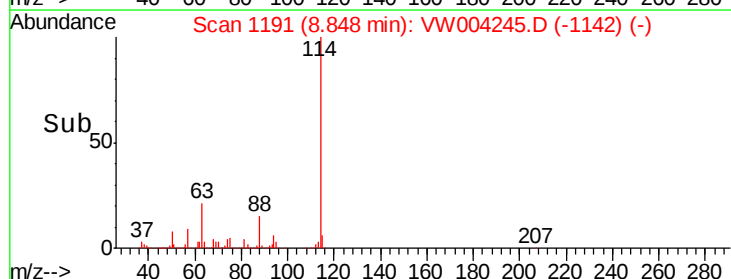
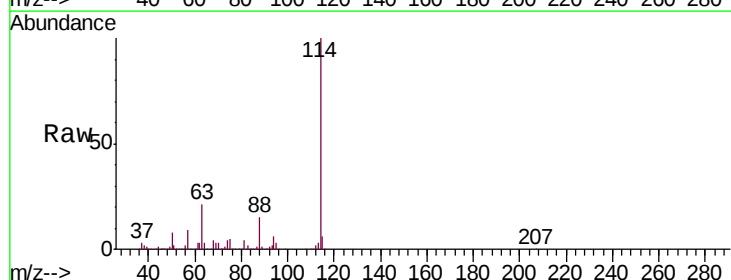
Manual Integrations
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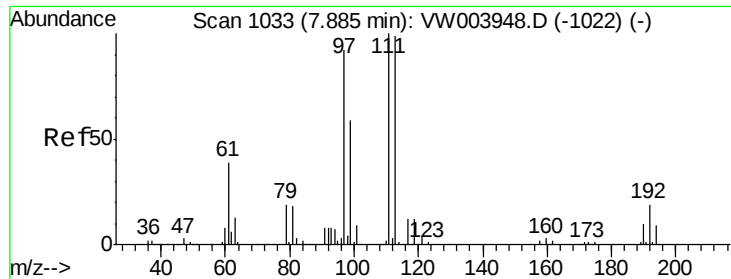
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW004245.D
 Acq: 27 Jul 2018 01:55

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	21.0	0.0	42.8	
88	15.3	0.0	30.4	





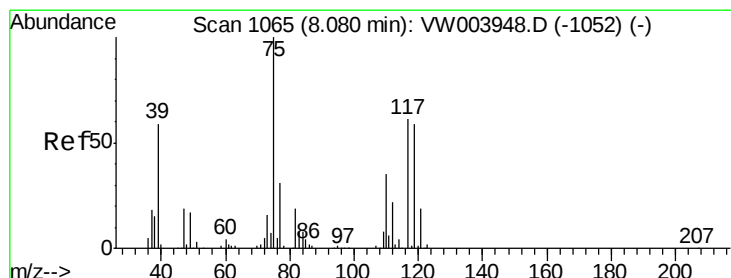
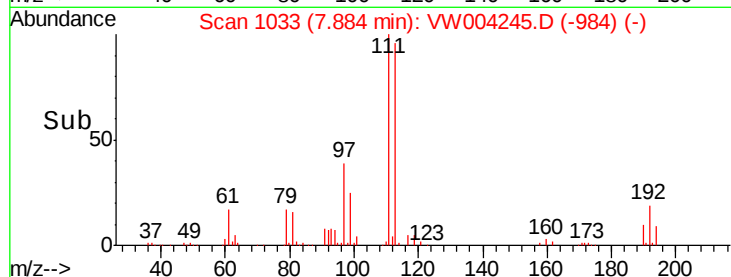
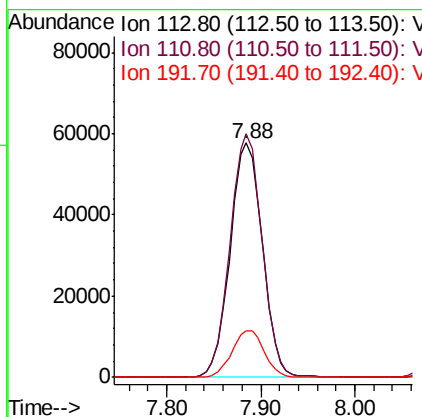
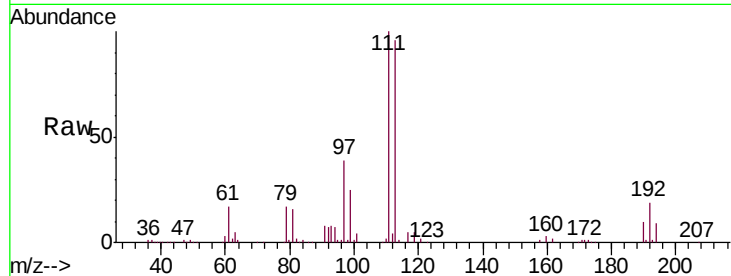
#35
 Dibromofluoromethane
 Concen: 55.391 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW004245.D
 Acq: 27 Jul 2018 01:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0728SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	137206		
111	103.2	81.3	121.9	
192	19.8	15.8	23.6	

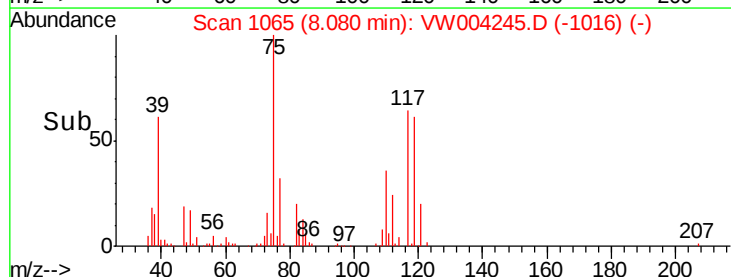
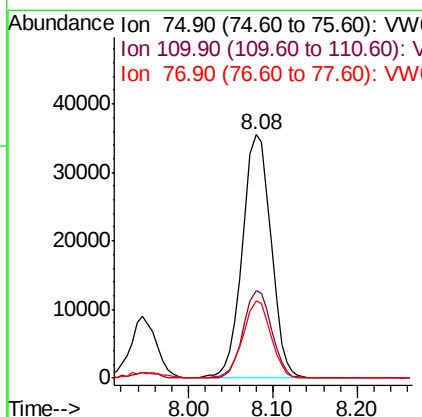
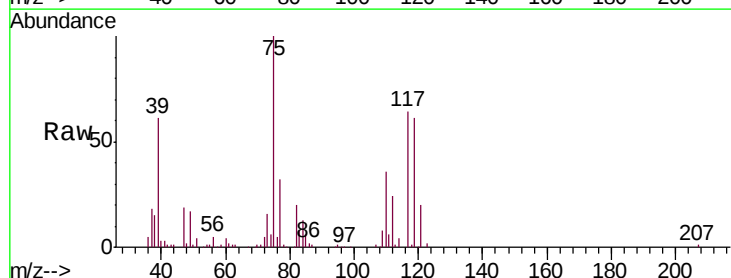
Manual Integrations
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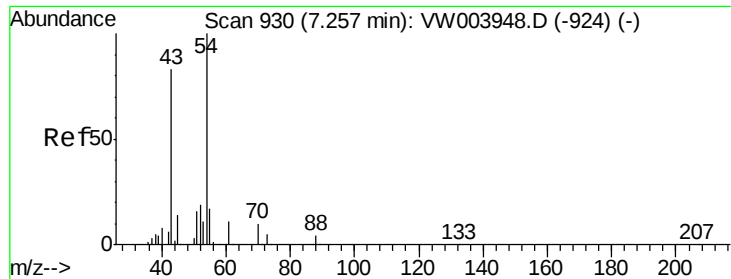
apatel
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#36
 1,1-Dichloropropene
 Concen: 20.542 ug/l
 RT: 8.08 min Scan# 1065
 Delta R.T. -0.00 min
 Lab File: VW004245.D
 Acq: 27 Jul 2018 01:55

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	81593		
110	35.3	17.0	51.0	
77	31.2	24.9	37.3	





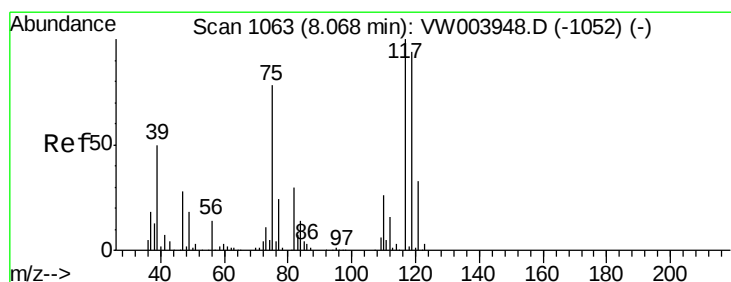
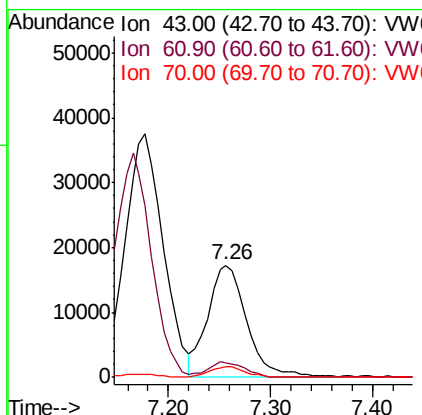
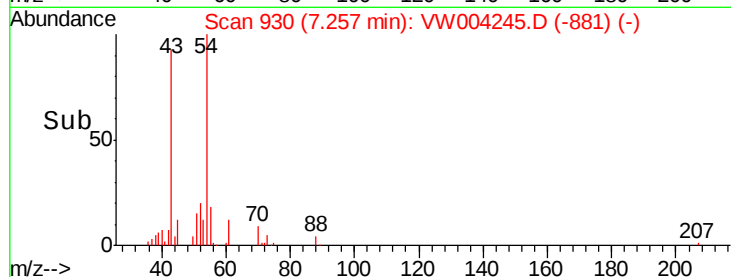
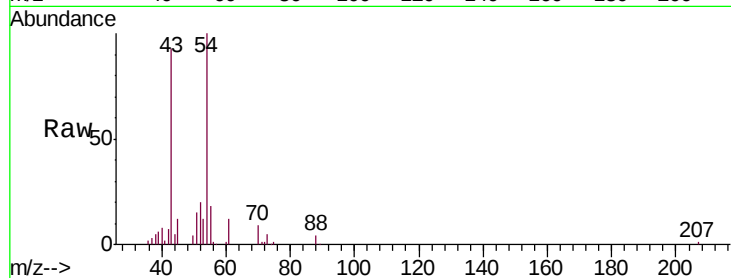
#37
Ethyl Acetate
Concen: 23.677 ug/l
RT: 7.26 min Scan# 930
Delta R.T. -0.00 min
Lab File: VW004245.D
Acq: 27 Jul 2018 01:55

Instrument :
MSVOA_W
ClientSampled :
VW0728SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.5	10.7	16.1
70	9.1	7.7	11.5

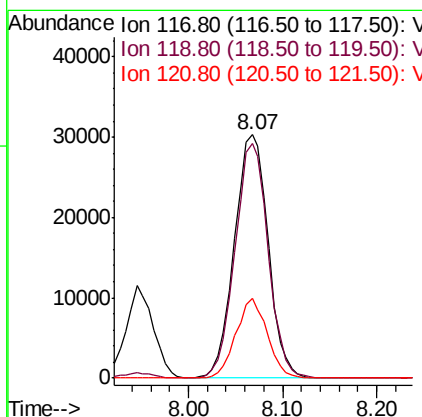
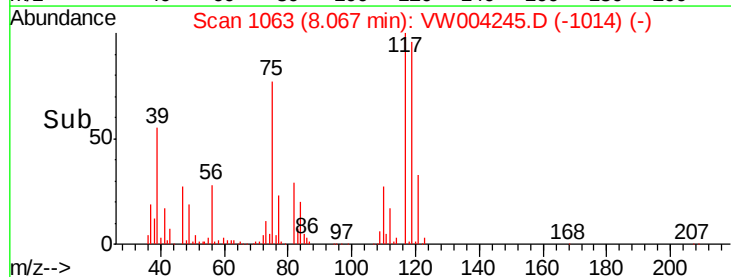
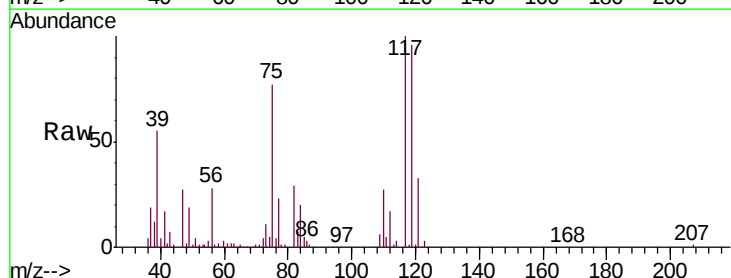
Manual Integrations
APPROVED

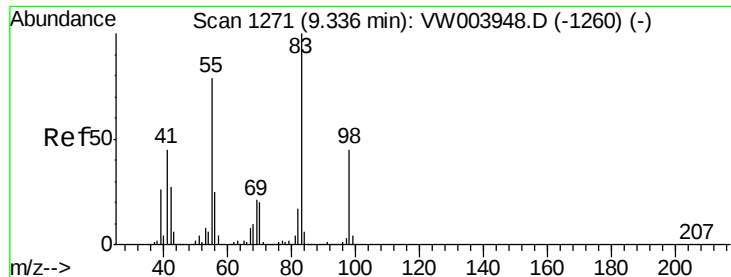
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#38
Carbon Tetrachloride
Concen: 20.465 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. -0.00 min
Lab File: VW004245.D
Acq: 27 Jul 2018 01:55

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.5	75.3	112.9
121	32.6	26.0	39.0





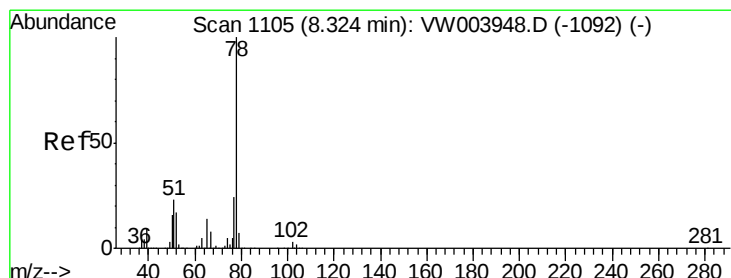
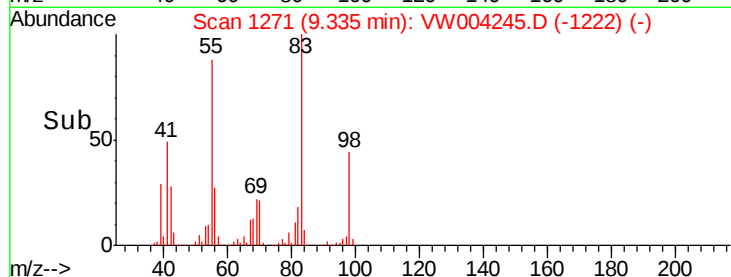
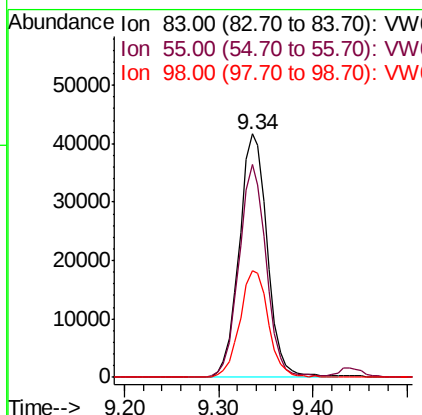
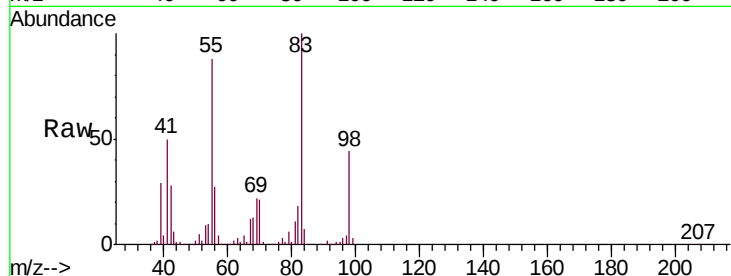
#39
Methvlcvclohexane
Concen: 18.636 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VW004245.D
Acq: 27 Jul 2018 01:55

Instrument :
MSVOA_W
ClientSampleId :
VW0728SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	87.6	62.8	94.2
98	43.8	36.2	54.4

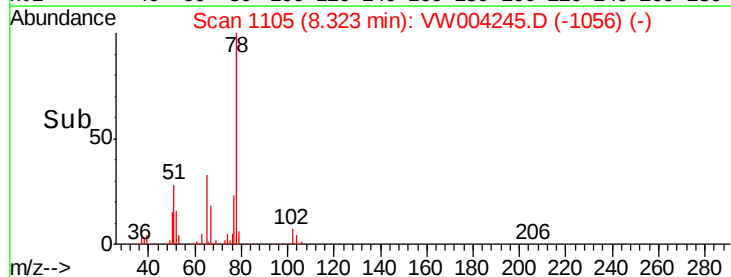
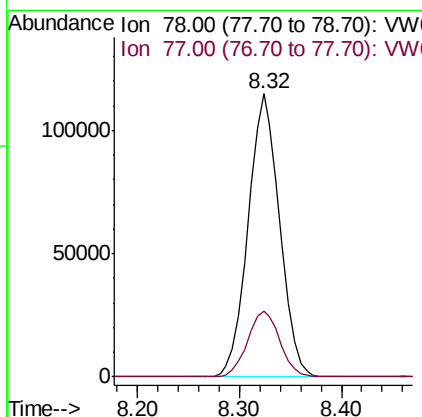
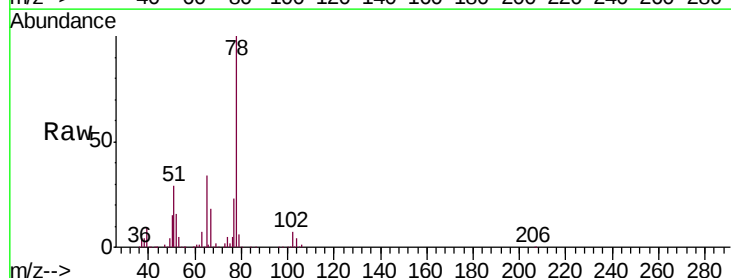
Manual Integrations
APPROVED

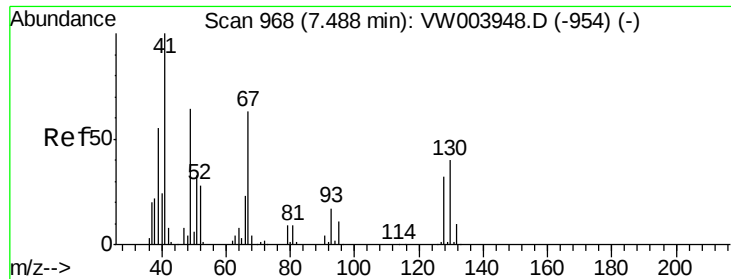
apatel
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#40
Benzene
Concen: 22.341 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VW004245.D
Acq: 27 Jul 2018 01:55

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	19.5	29.3





#41

Methacrylonitrile

Concen: 21.703 ug/l

RT: 7.48 min Scan# 967

Delta R.T. -0.01 min

Lab File: VW004245.D

Acq: 27 Jul 2018 01:55

Instrument :

MSVOA_W

ClientSampleId :

VW0728SBS01

Tot Ion: 41 Resp: 23039

Ion Ratio Lower Upper

41 100

39 61.4 50.0 75.0

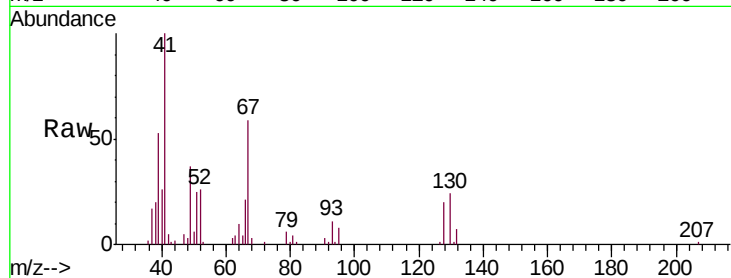
67 70.4 60.8 91.2

52 32.9 26.2 39.4

Manual Integrations
APPROVED

apatel

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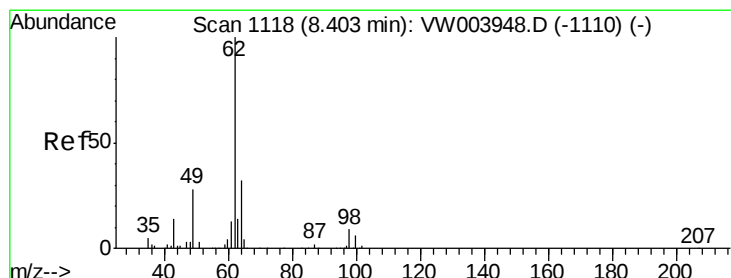
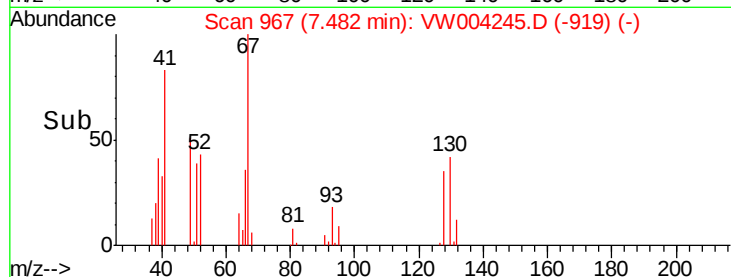
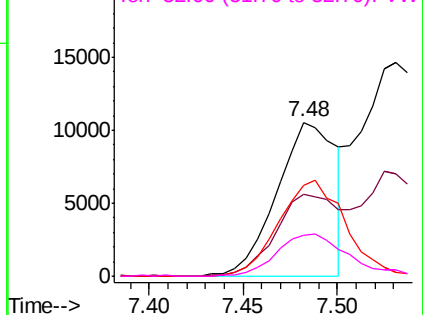


Abundance Ion 41.00 (40.70 to 41.70): VW

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: 22.959 ug/l

RT: 8.40 min Scan# 1118

Delta R.T. -0.00 min

Lab File: VW004245.D

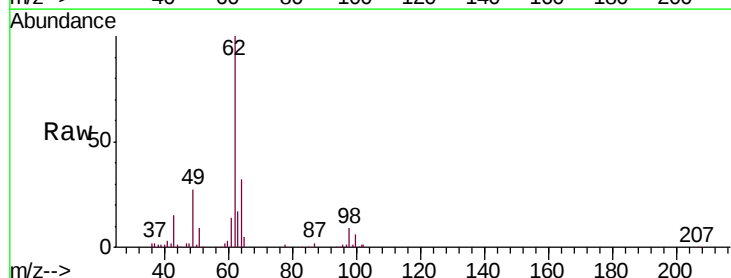
Acq: 27 Jul 2018 01:55

Tgt Ion: 62 Resp: 77187

Ion Ratio Lower Upper

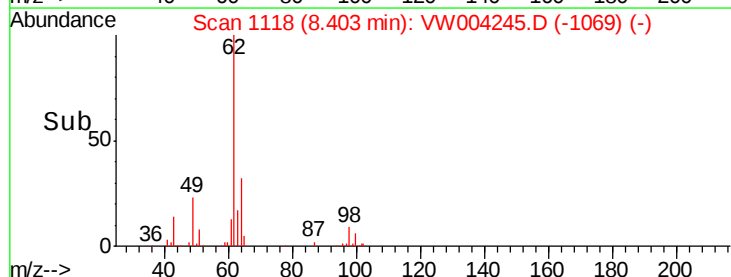
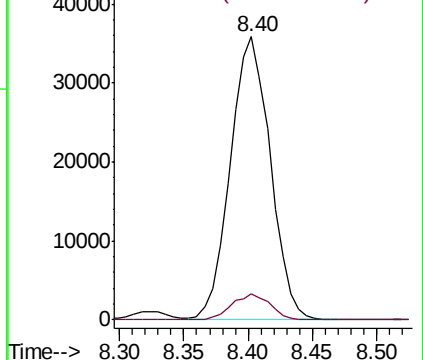
62 100

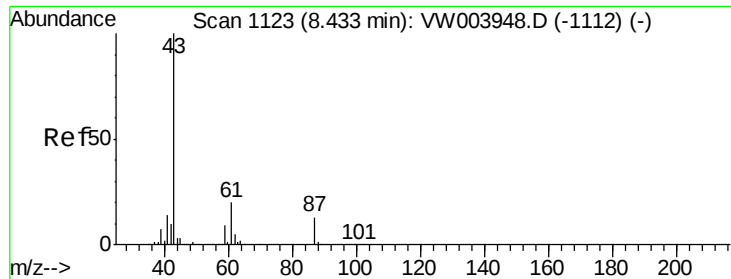
98 9.0 0.0 17.4



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 22.372 ug/l

RT: 8.43 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VW004245.D

Acq: 27 Jul 2018 01:55

Instrument :

MSVOA_W

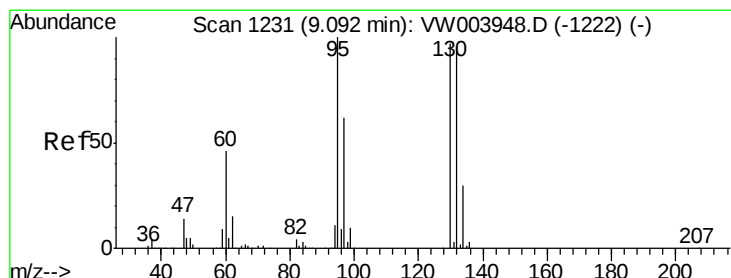
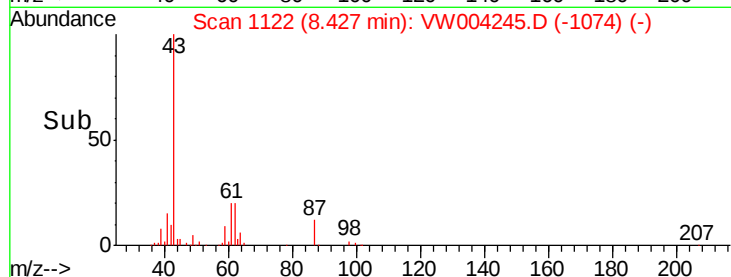
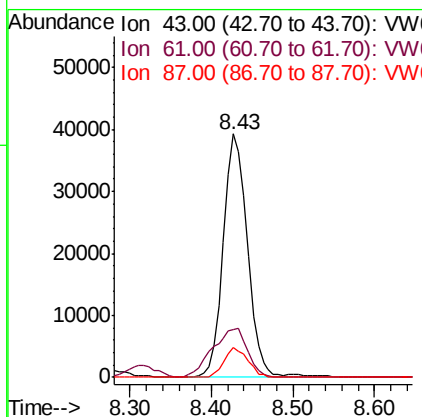
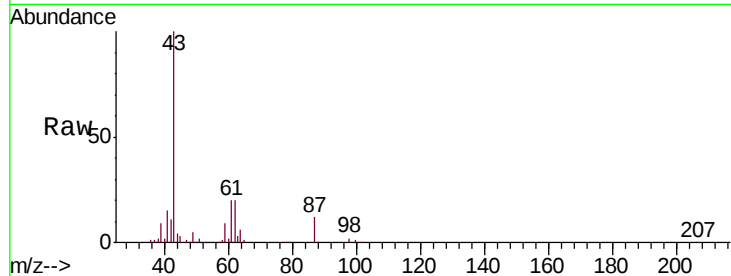
ClientSampleId :

VW0728SBS01

Tot Ion:	43	Resp:	80163
Ion	Ratio	Lower	Upper
43	100		
61	29.2	23.0	34.6
87	12.1	9.9	14.9

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#44

Trichloroethene

Concen: 21.103 ug/l

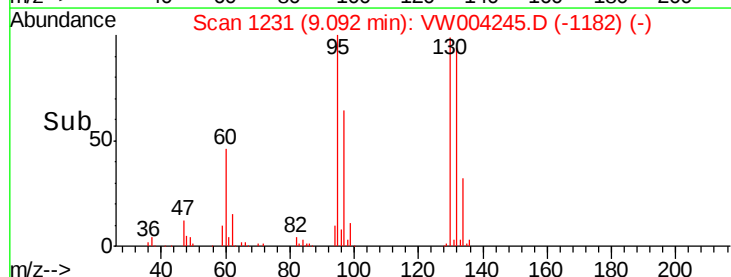
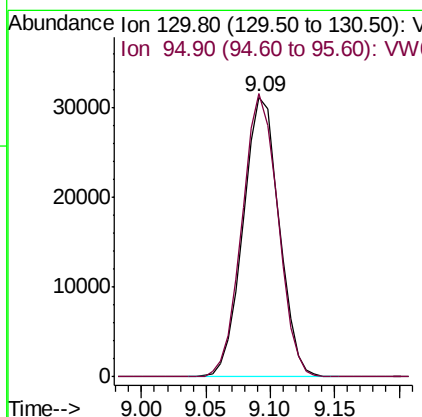
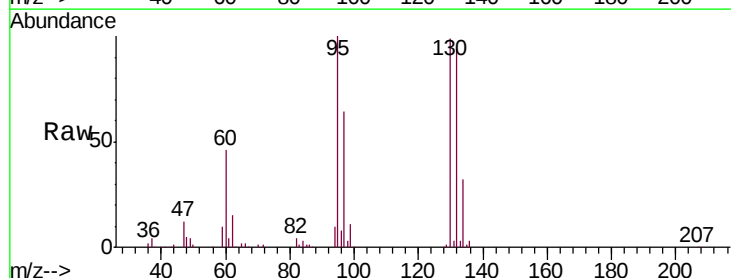
RT: 9.09 min Scan# 1231

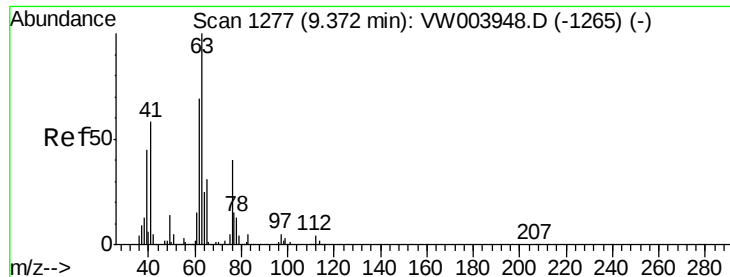
Delta R.T. -0.00 min

Lab File: VW004245.D

Acq: 27 Jul 2018 01:55

Tgt Ion:	130	Resp:	60279
Ion	Ratio	Lower	Upper
130	100		
95	101.2	0.0	206.8





#45

1,2-Dichloropropane

Concen: 23.258 ug/l

RT: 9.37 min Scan# 1277

Delta R.T. -0.00 min

Lab File: VW004245.D

Acq: 27 Jul 2018 01:55

Instrument :

MSVOA_W

ClientSampleId :

VW0728SBS01

Tot Ion: 63 Resp: 65414

Ion Ratio Lower Upper

63 100

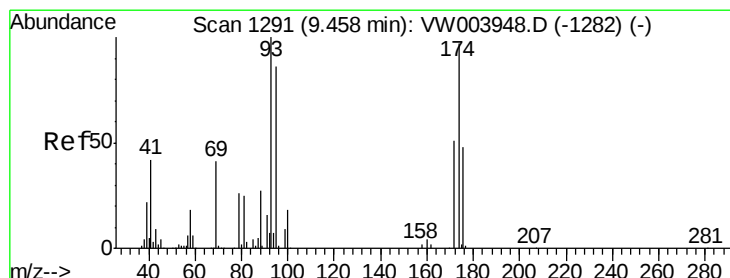
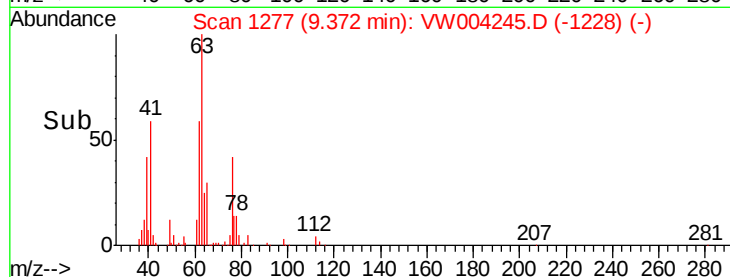
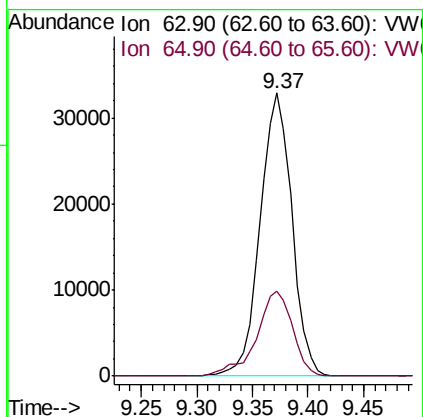
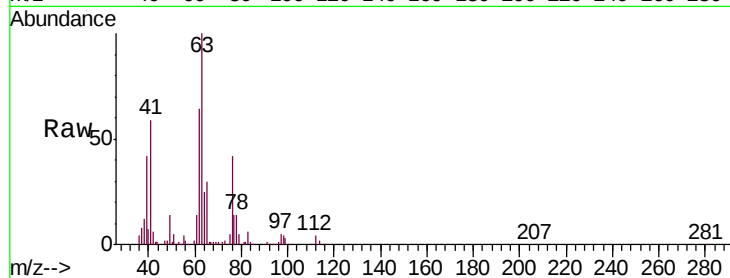
65 30.2 24.8 37.2

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#46

Dibromomethane

Concen: 23.282 ug/l

RT: 9.46 min Scan# 1291

Delta R.T. -0.00 min

Lab File: VW004245.D

Acq: 27 Jul 2018 01:55

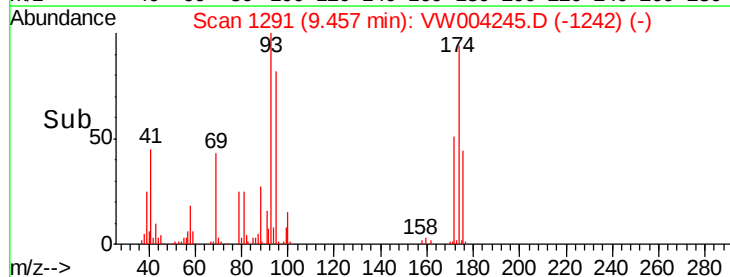
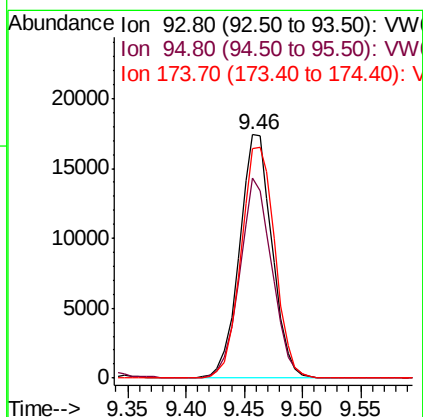
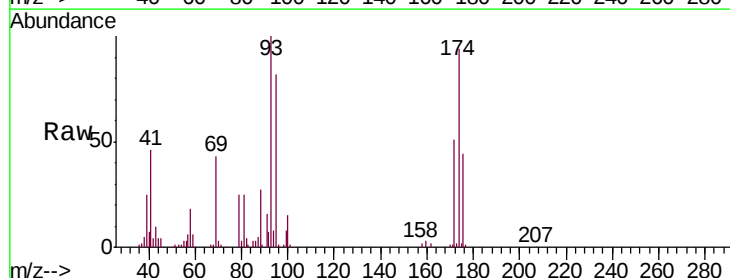
Tgt Ion: 93 Resp: 33979

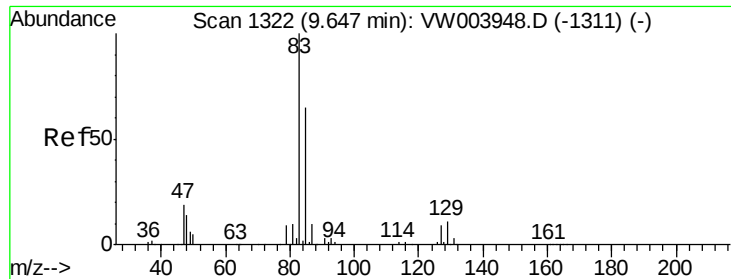
Ion Ratio Lower Upper

93 100

95 81.1 66.9 100.3

174 98.3 80.2 120.2





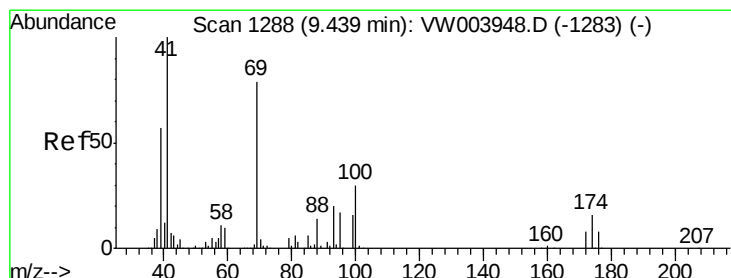
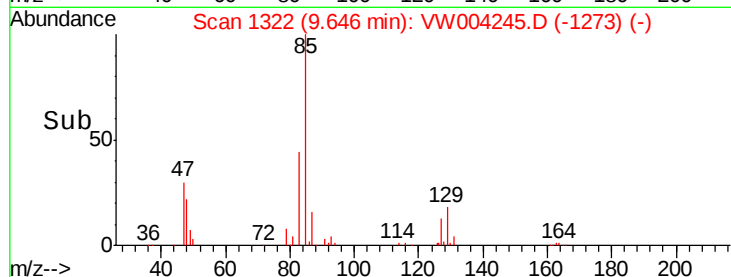
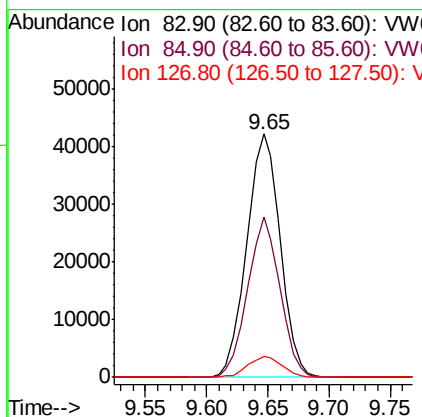
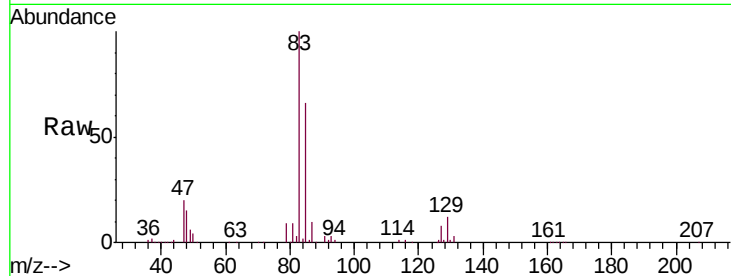
#47
Bromodichloromethane
Concen: 22.380 ug/l
RT: 9.65 min Scan# 1322
Delta R.T. -0.00 min
Lab File: VW004245.D
Acq: 27 Jul 2018 01:55

Instrument :
MSVOA_W
ClientSampleId :
VW0728SBS01

Tot Ion	83	85	127
Resp	80522		
Ratio	100	65.8	8.4
Lower		52.2	7.0
Upper		78.2	10.4

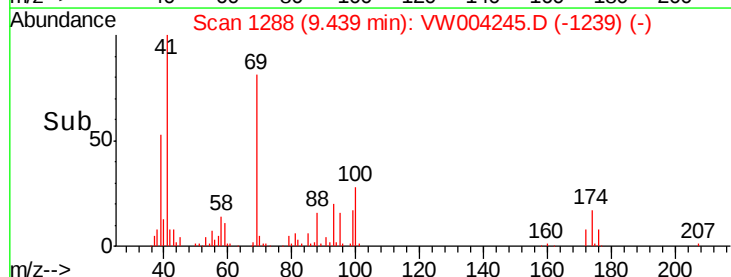
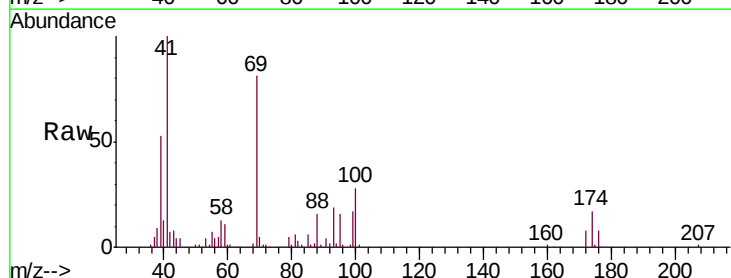
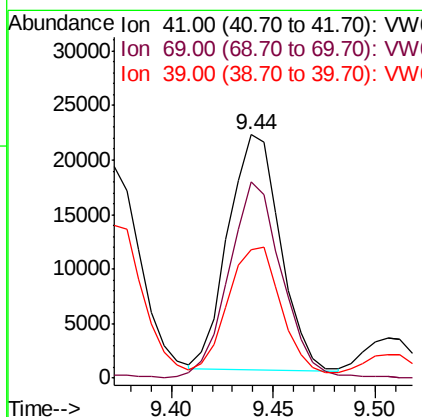
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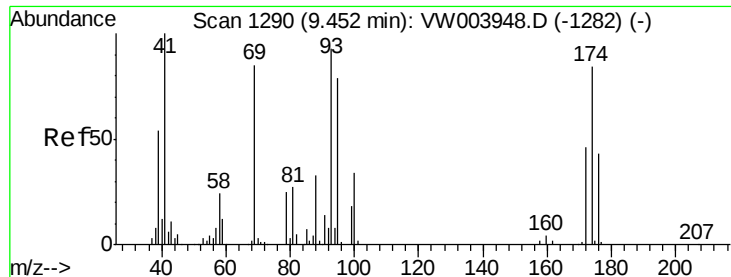
apatel
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#48
Methyl methacrylate
Concen: 22.021 ug/l
RT: 9.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VW004245.D
Acq: 27 Jul 2018 01:55

Tgt Ion	41	69	39
Resp	38160		
Ratio	100	85.5	58.7
Lower		67.0	48.8
Upper		100.6	73.2





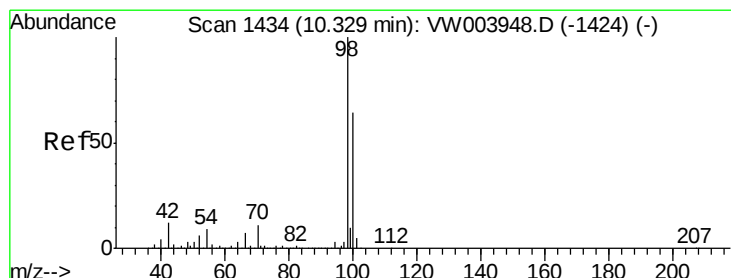
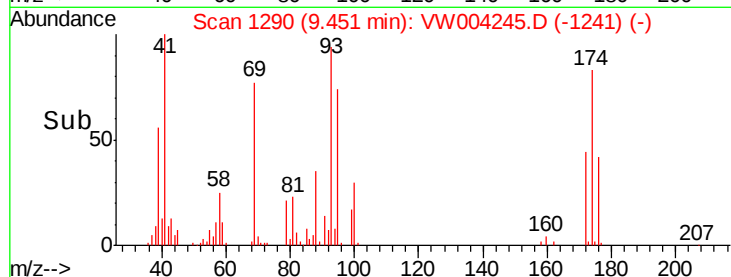
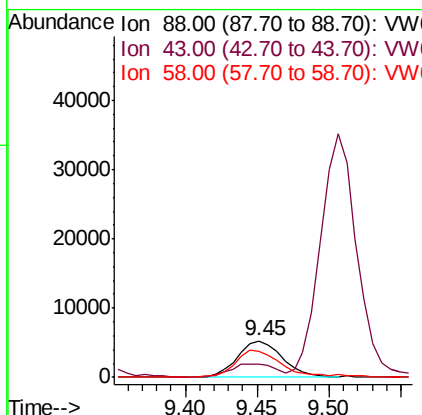
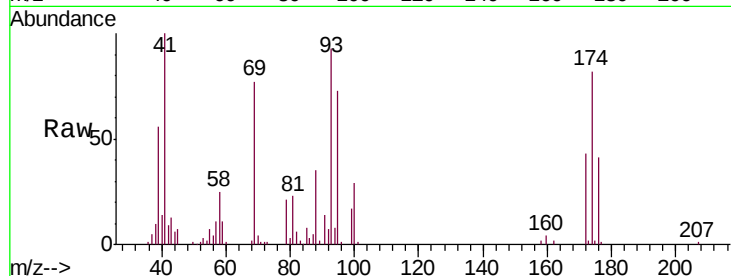
#49
1,4-Dioxane
Concen: 502.944 ug/l
RT: 9.45 min Scan# 1290
Delta R.T. -0.00 min
Lab File: VW004245.D
Acq: 27 Jul 2018 01:55

Instrument :
MSVOA_W
ClientSampleId :
VW0728SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.6	27.3	40.9
58	79.7	61.1	91.7

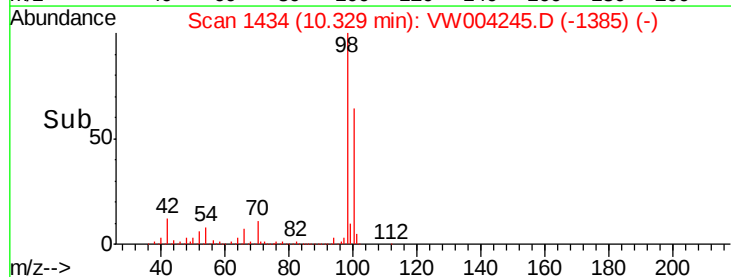
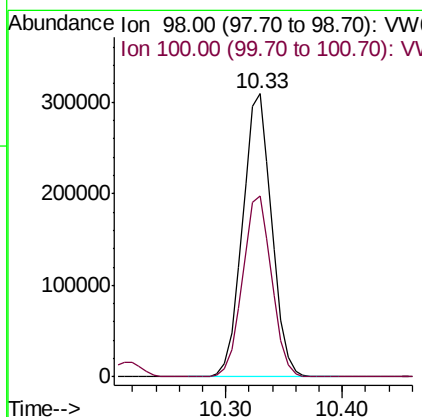
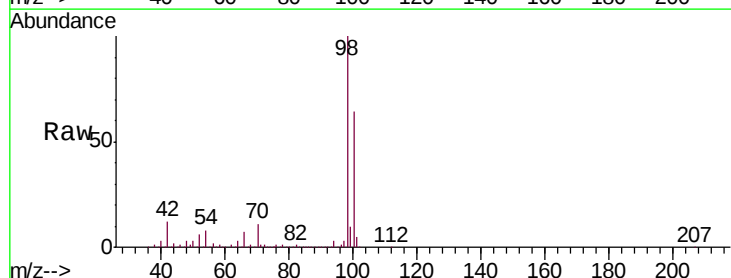
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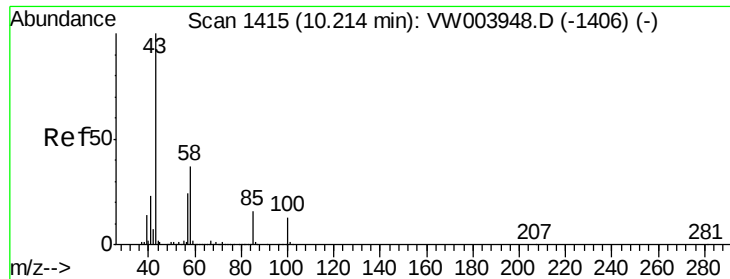
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#50
Toluene-d8
Concen: 55.973 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VW004245.D
Acq: 27 Jul 2018 01:55

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 116.960 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. -0.00 min

Lab File: VW004245.D

Acq: 27 Jul 2018 01:55

Instrument :

MSVOA_W

ClientSampled :

VW0728SBS01

Tot Ion: 43 Resp: 223279

Ion Ratio Lower Upper

43 100

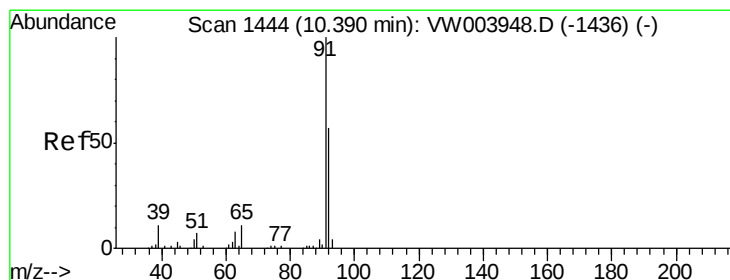
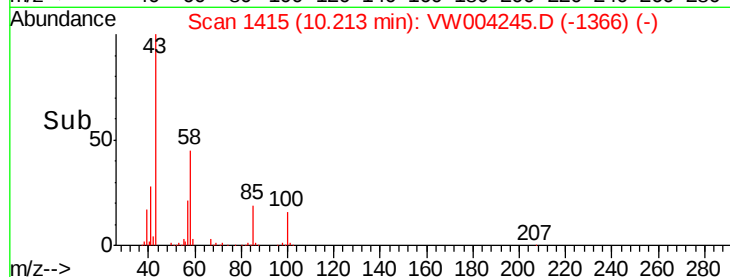
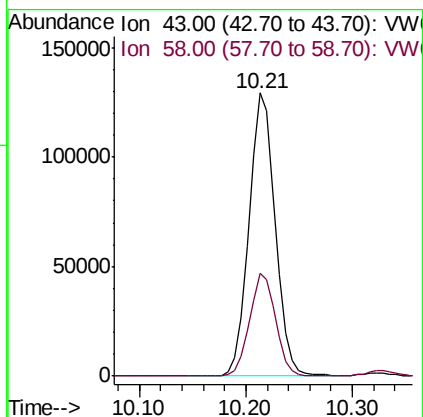
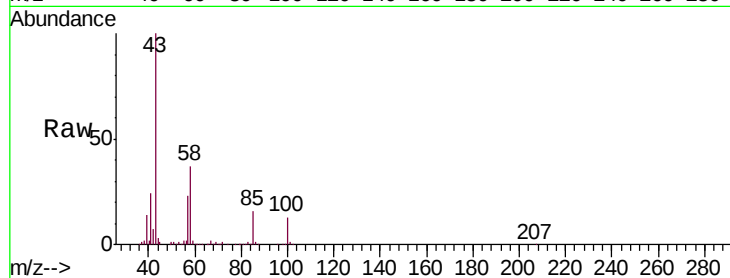
58 36.2 29.9 44.9

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#52

Toluene

Concen: 22.411 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. -0.00 min

Lab File: VW004245.D

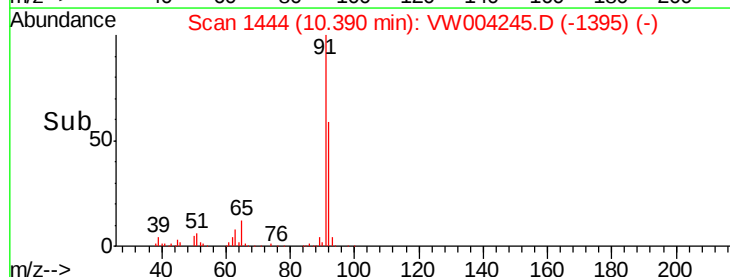
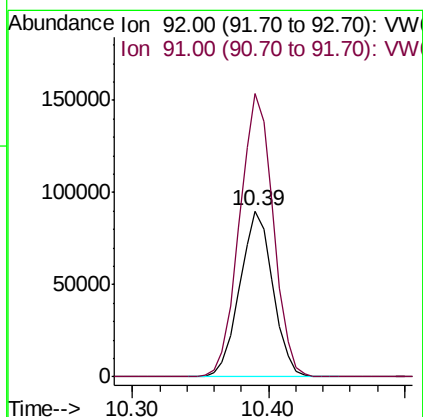
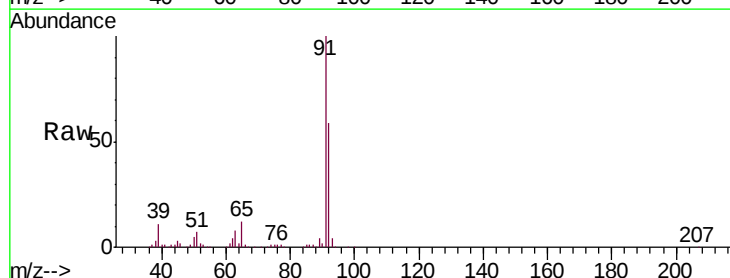
Acq: 27 Jul 2018 01:55

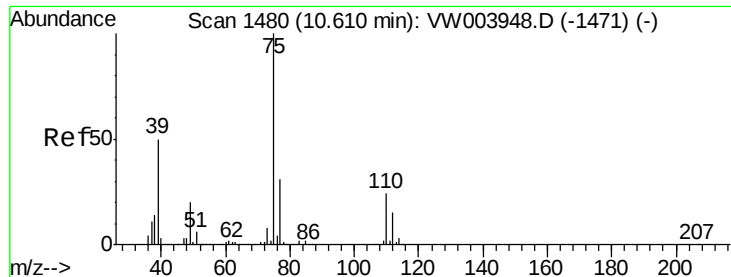
Tgt Ion: 92 Resp: 152712

Ion Ratio Lower Upper

92 100

91 173.6 139.6 209.4





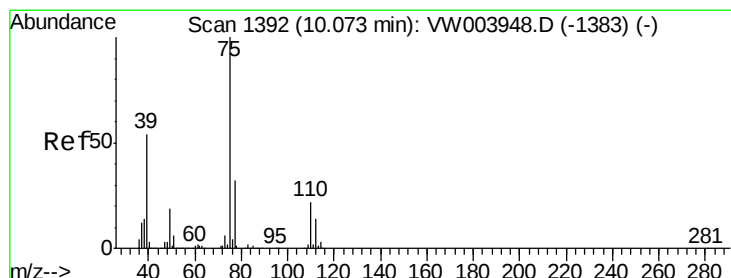
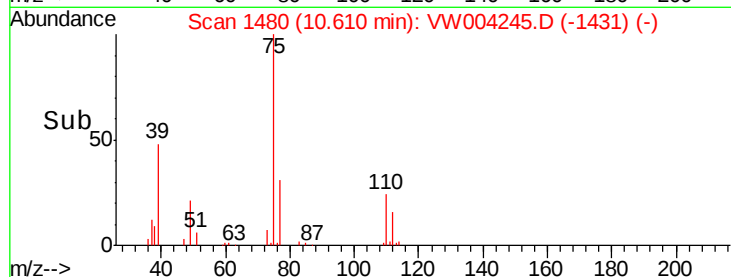
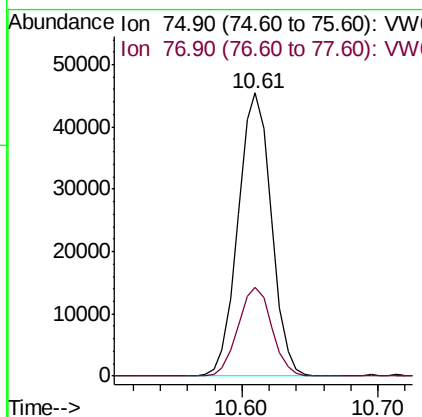
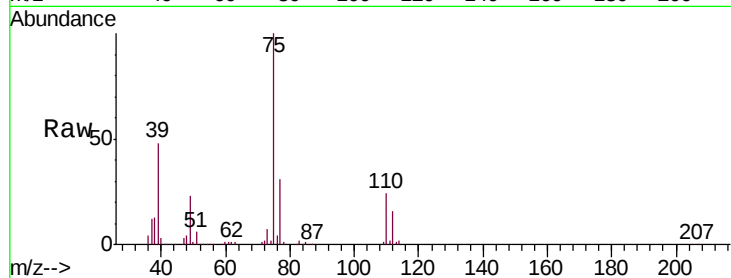
#53
 t-1,3-Dichloropropene
 Concen: 20.663 ug/l
 RT: 10.61 min Scan# 1480
 Delta R.T. -0.00 min
 Lab File: VW004245.D
 Acq: 27 Jul 2018 01:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0728SBS01

Tot Ion: 75 Resp: 77740
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.2 37.8

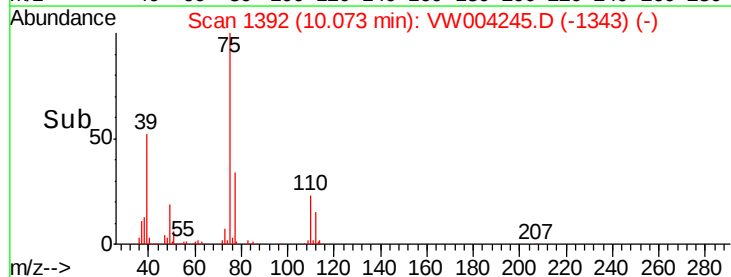
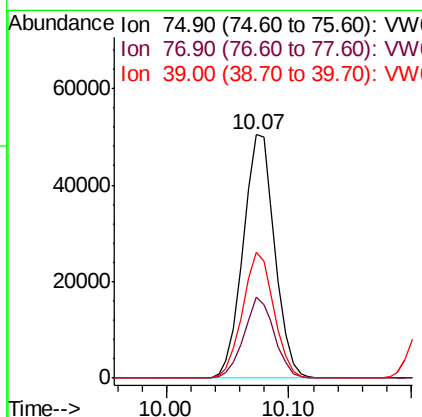
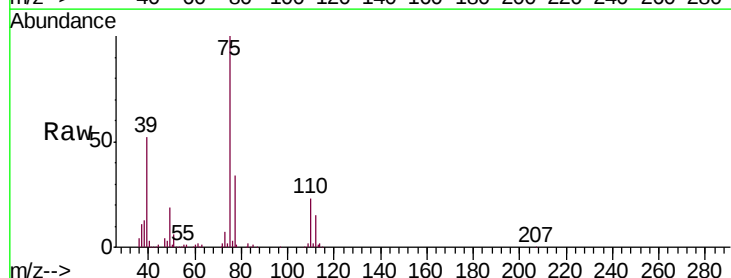
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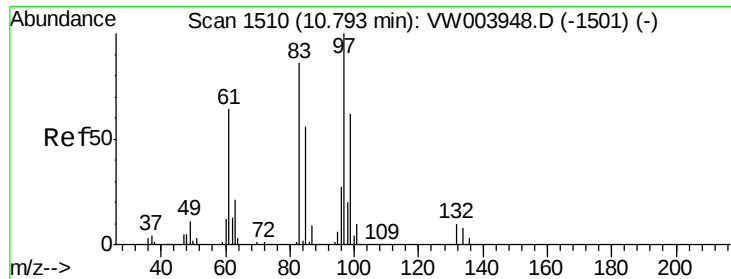
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#54
 cis-1,3-Dichloropropene
 Concen: 21.021 ug/l
 RT: 10.07 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW004245.D
 Acq: 27 Jul 2018 01:55

Tgt Ion: 75 Resp: 90476
 Ion Ratio Lower Upper
 75 100
 77 33.5 25.4 38.2
 39 51.6 43.0 64.6





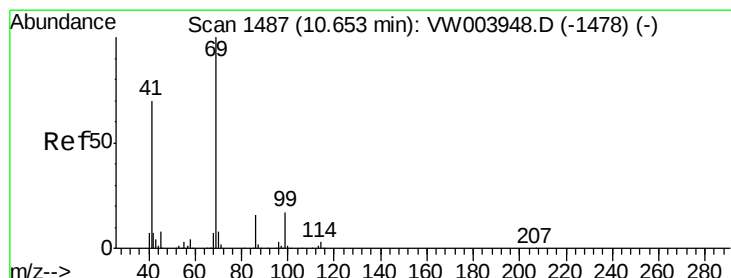
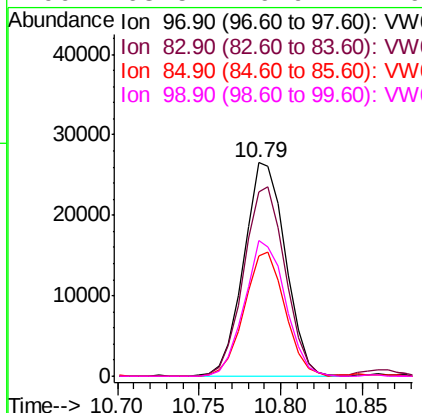
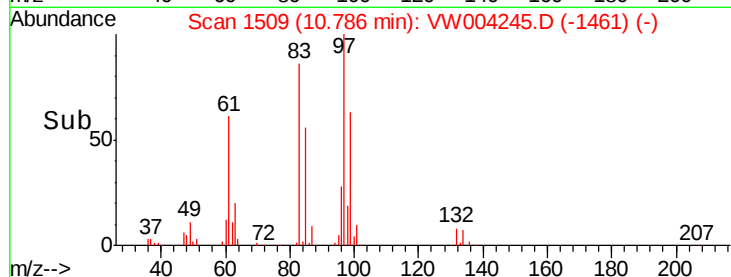
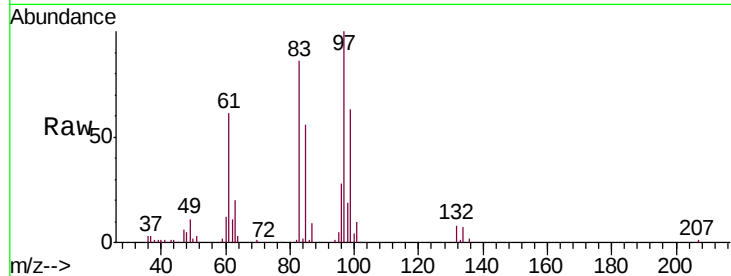
#55
 1,1,2-Trichloroethane
 Concen: 23.020 ug/l
 RT: 10.79 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: VW004245.D
 Acq: 27 Jul 2018 01:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0728SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		47250		
83	86.0	69.0	103.4		
85	56.2	45.0	67.6		
99	63.5	49.9	74.9		

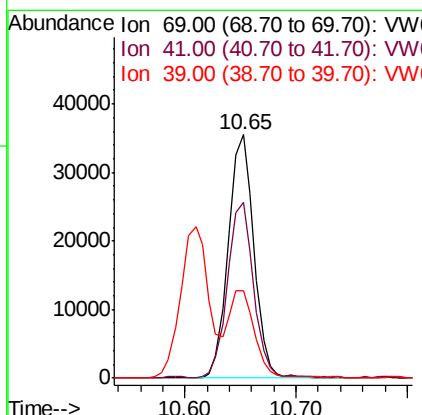
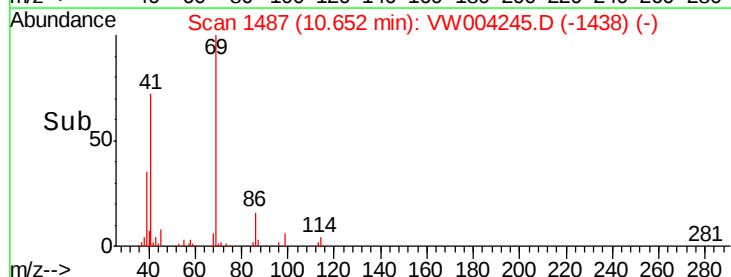
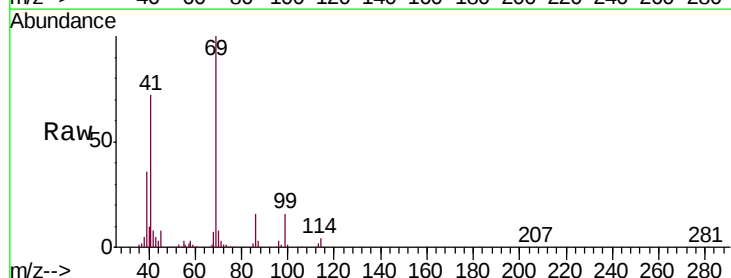
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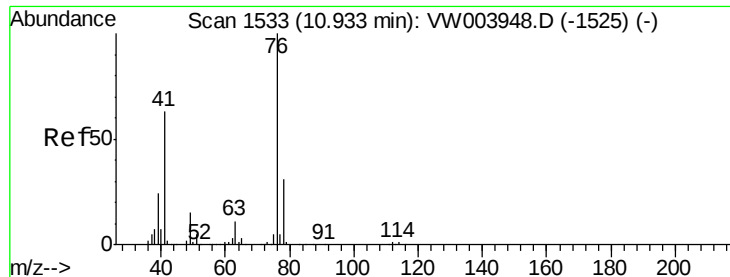
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#56
 Ethyl methacrylate
 Concen: 21.090 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW004245.D
 Acq: 27 Jul 2018 01:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		56604		
41	72.7	56.5	84.7		
39	34.4	30.2	45.4		





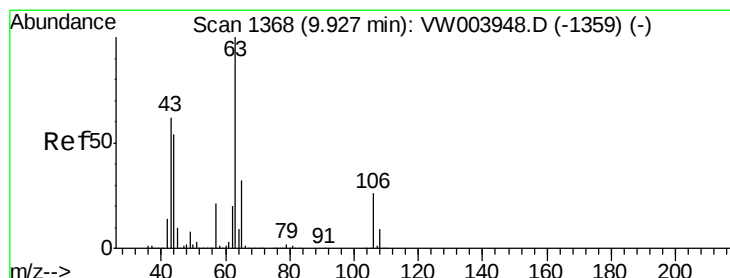
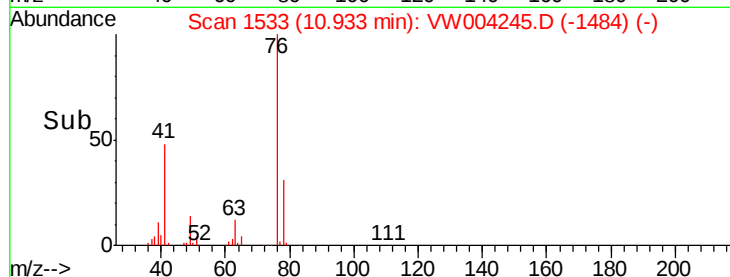
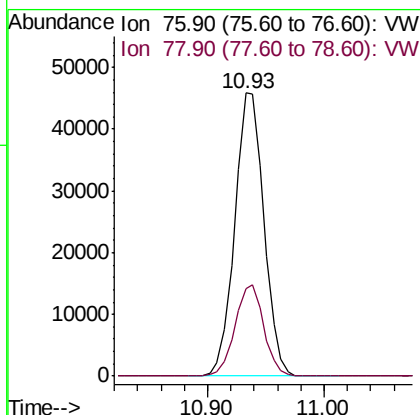
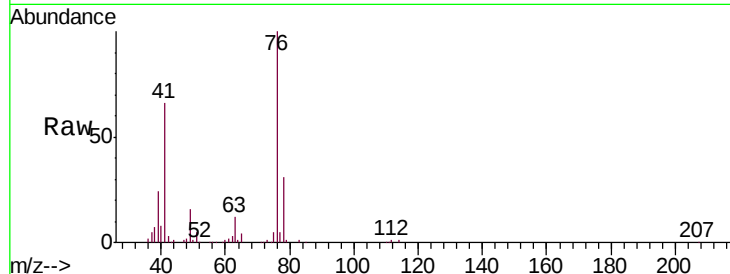
#57
 1,3-Dichloropropane
 Concen: 22.470 ug/l
 RT: 10.93 min Scan# 1533
 Delta R.T. -0.00 min
 Lab File: VW004245.D
 Acq: 27 Jul 2018 01:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0728SBS01

Tot Ion: 76 Resp: 80131
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.2 37.8

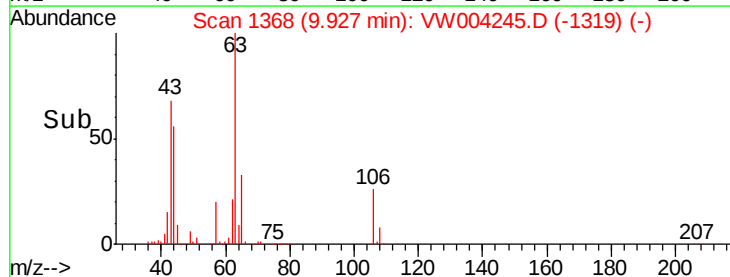
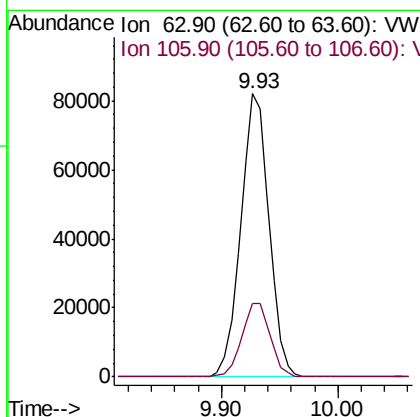
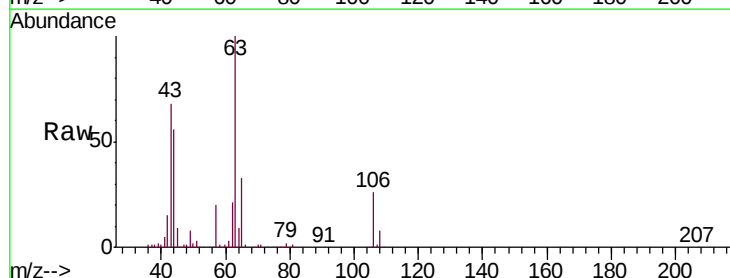
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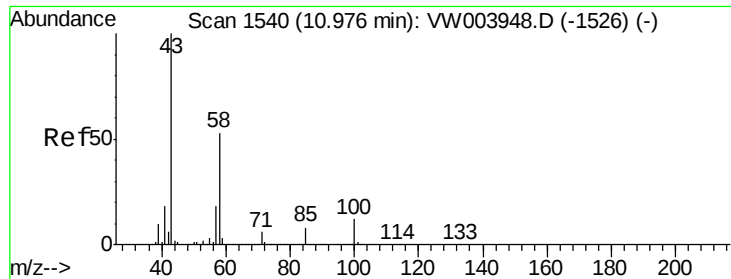
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#58
 2-Chloroethyl Vinyl ether
 Concen: 113.737 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. -0.00 min
 Lab File: VW004245.D
 Acq: 27 Jul 2018 01:55

Tgt Ion: 63 Resp: 138495
 Ion Ratio Lower Upper
 63 100
 106 26.3 21.2 31.8





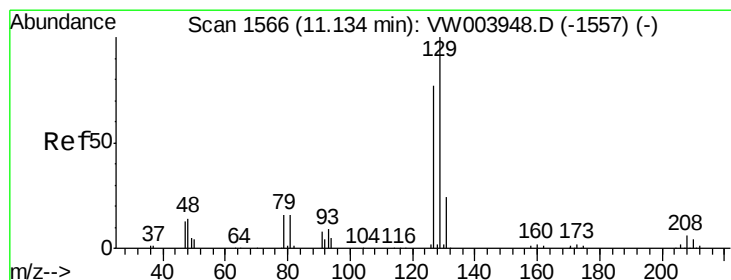
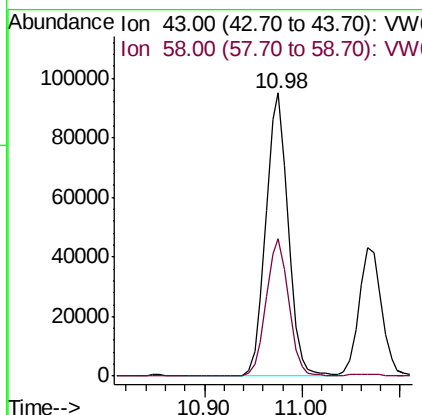
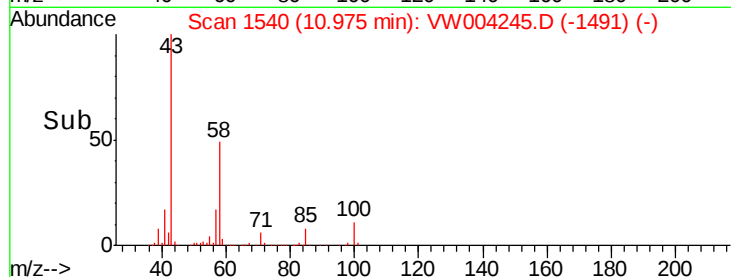
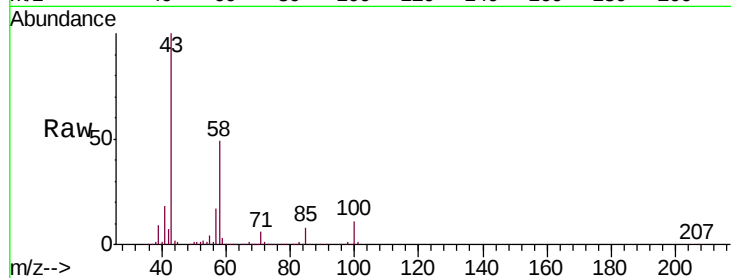
#59
2-Hexanone
Concen: 111.777 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW004245.D
Acq: 27 Jul 2018 01:55

Instrument :
MSVOA_W
ClientSampleId :
VW0728SBS01

Tot Ion: 43 Resp: 150396
Ion Ratio Lower Upper
43 100
58 49.0 26.0 78.0

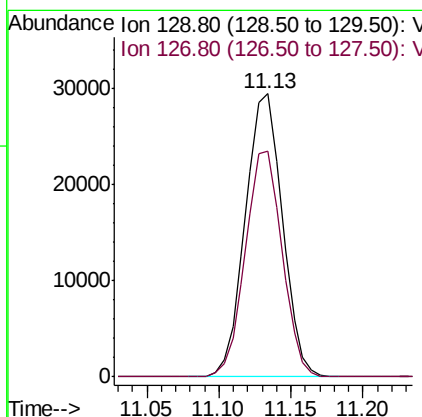
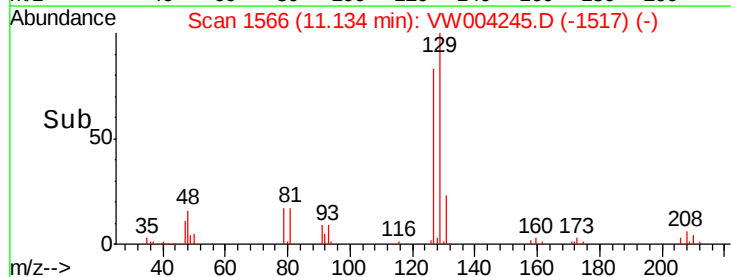
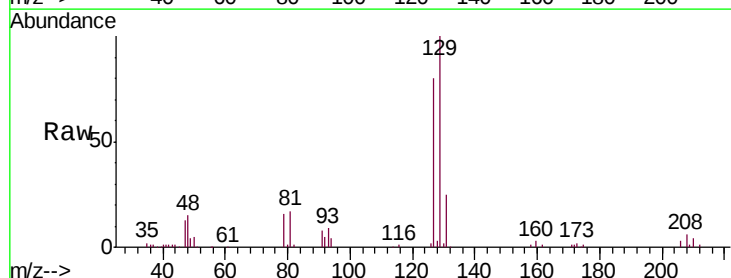
Manual Integrations
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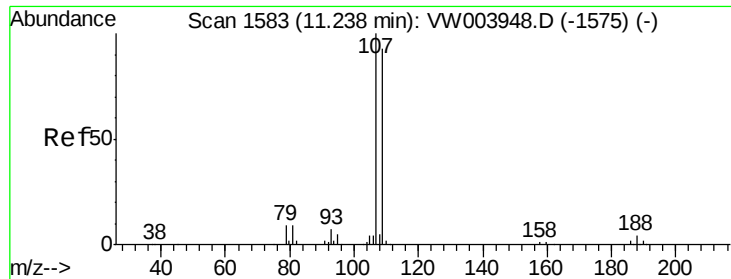
apatel
7/27/2018 12:36:49 PM



#60
Dibromochloromethane
Concen: 22.035 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VW004245.D
Acq: 27 Jul 2018 01:55

Tgt Ion: 129 Resp: 52672
Ion Ratio Lower Upper
129 100
127 78.9 39.1 117.3





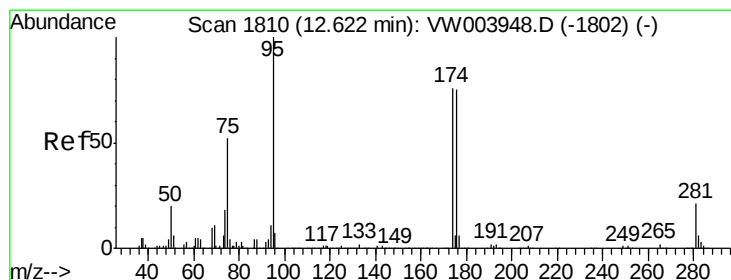
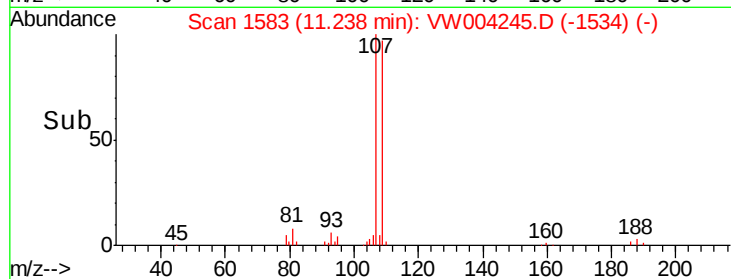
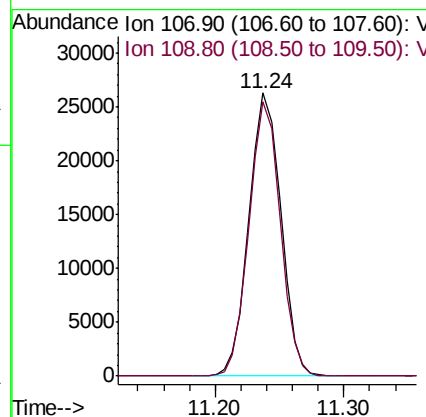
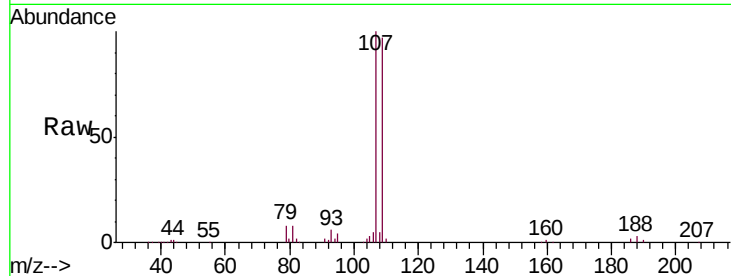
#61
 1,2-Dibromoethane
 Concen: 23.100 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: VW004245.D
 Acq: 27 Jul 2018 01:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0728SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.7	74.3	111.5

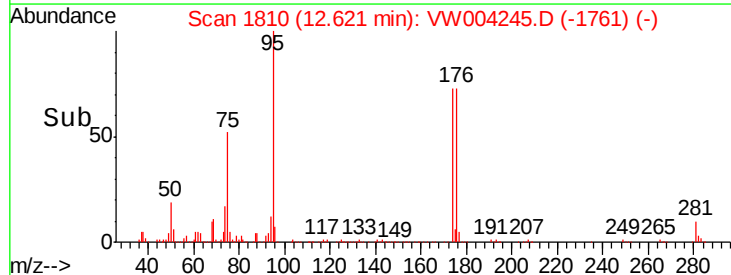
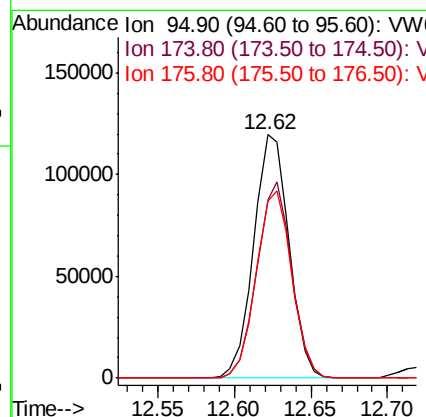
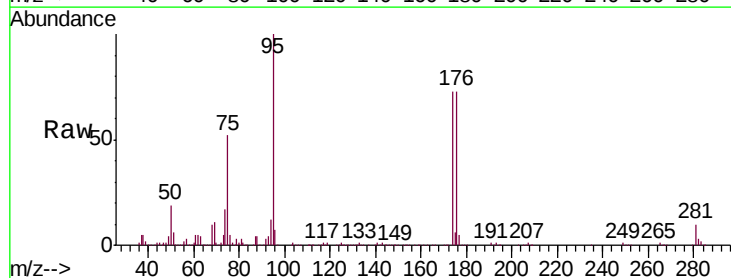
Manual Integrations
 APPROVED

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#62
 4-Bromofluorobenzene
 Concen: 55.457 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VW004245.D
 Acq: 27 Jul 2018 01:55

Tgt Ion	Ratio	Lower	Upper
95	100		
174	79.4	0.0	160.2
176	77.5	0.0	155.8





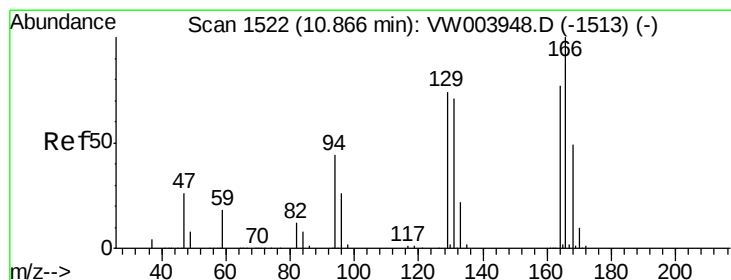
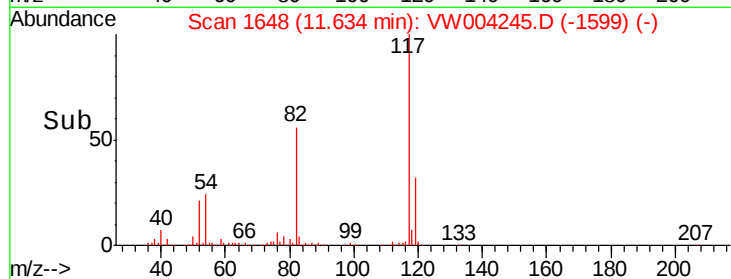
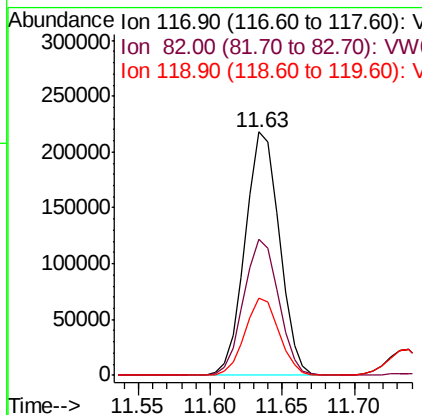
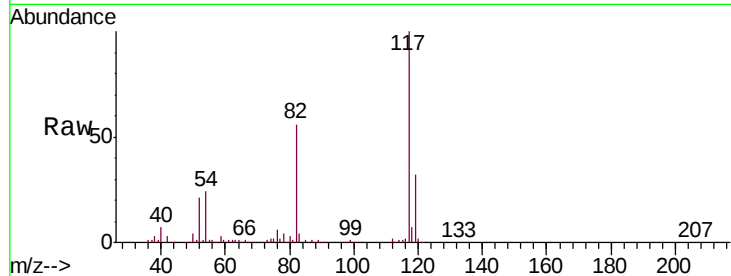
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004245.D
Acq: 27 Jul 2018 01:55

Instrument :
MSVOA_W
ClientSampleId :
VW0728SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.0	46.5	69.7
119	31.5	26.2	39.2

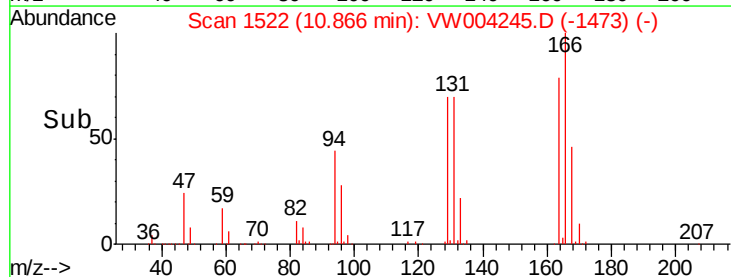
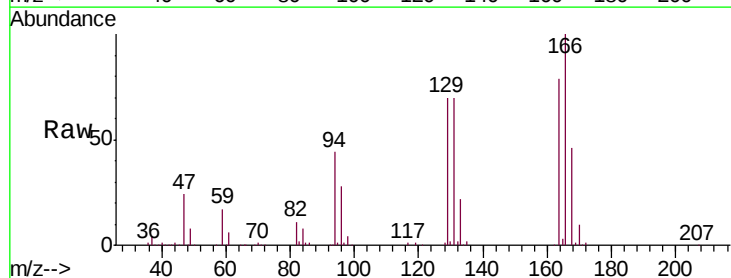
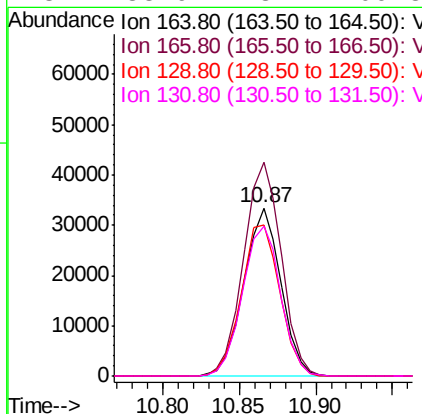
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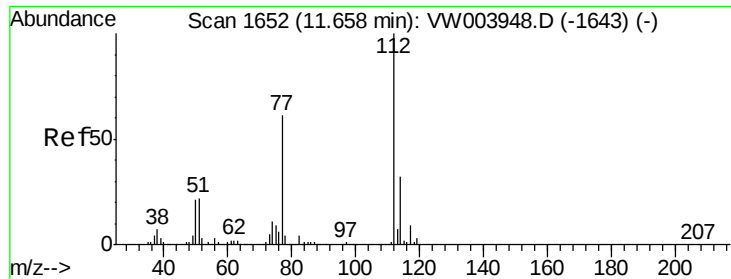
apatel
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#64
Tetrachloroethene
Concen: 22.686 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW004245.D
Acq: 27 Jul 2018 01:55

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.0	103.5	155.3
129	89.5	76.8	115.2
131	88.9	73.2	109.8





#65

Chlorobenzene

Concen: 21.086 ug/l

RT: 11.66 min Scan# 1653

Delta R.T. 0.01 min

Lab File: VW004245.D

Acq: 27 Jul 2018 01:55

Instrument :

MSVOA_W

ClientSampleId :

VW0728SBS01

Tot Ion:112 Resp: 161522

Ion Ratio Lower Upper

112 100

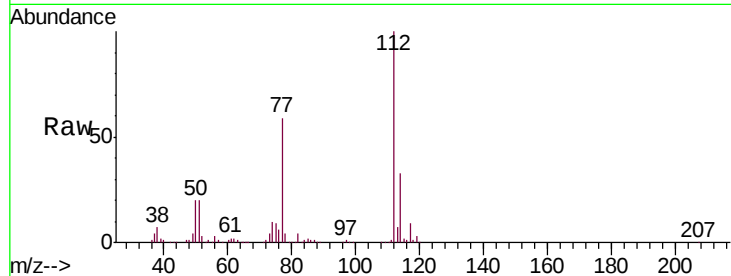
114 32.8 25.2 37.8

Manual Integrations

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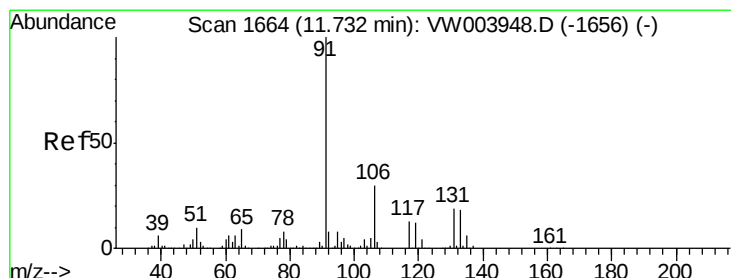
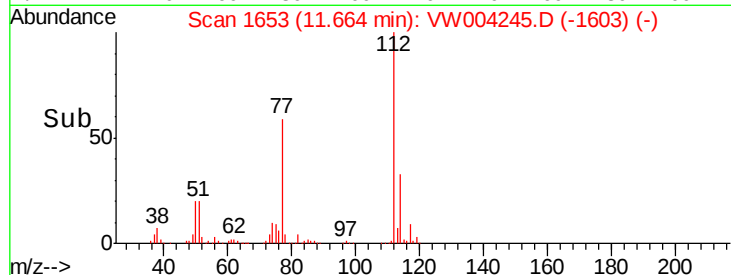
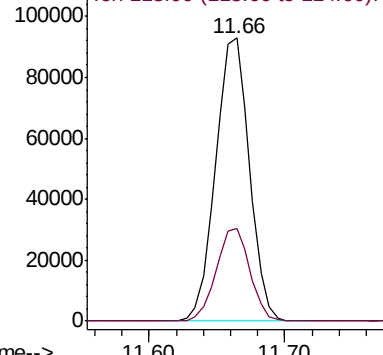
apatel

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.960 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. 0.01 min

Lab File: VW004245.D

Acq: 27 Jul 2018 01:55

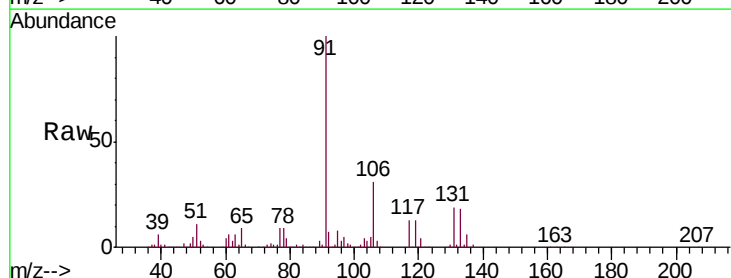
Tgt Ion:131 Resp: 55793

Ion Ratio Lower Upper

131 100

133 95.6 47.9 143.8

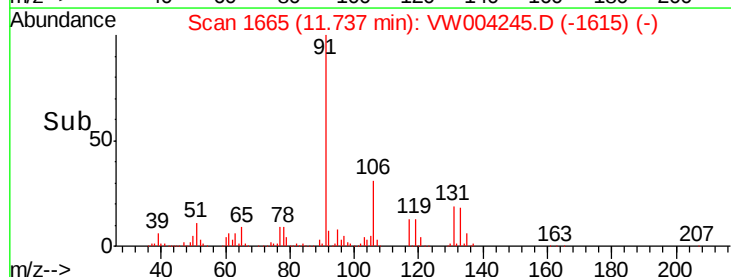
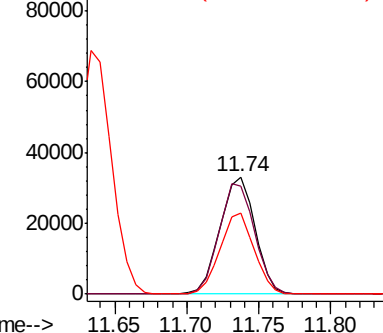
119 67.6 32.5 97.5

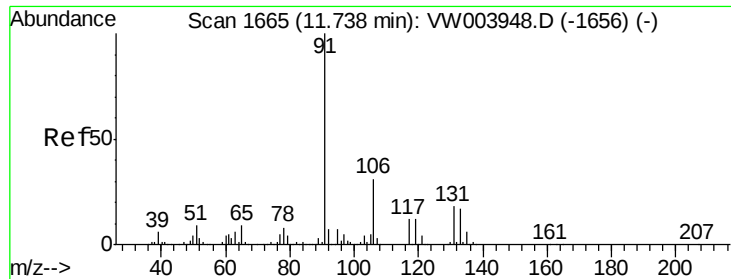


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





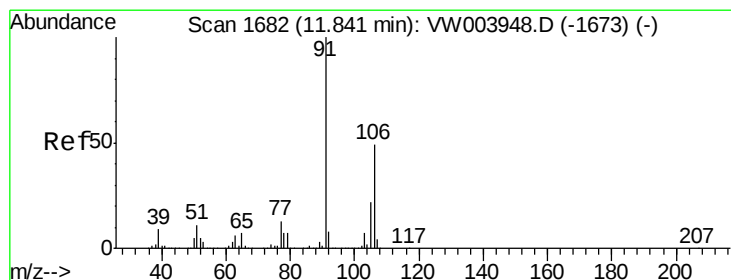
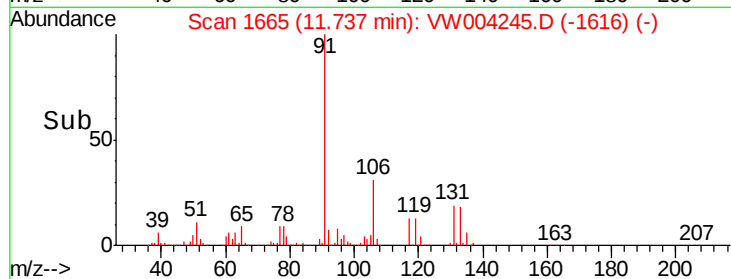
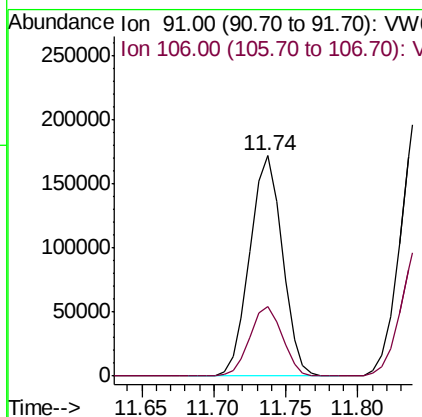
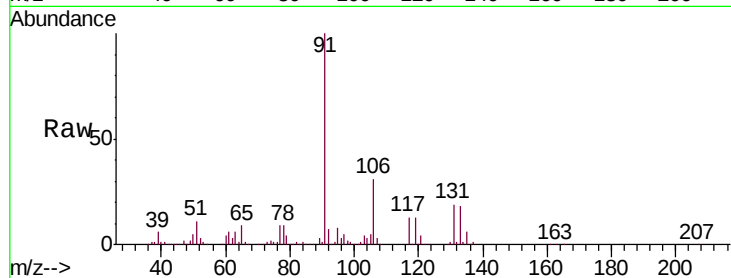
#67
Ethyl Benzene
Concen: 20.080 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW004245.D
Acq: 27 Jul 2018 01:55

Instrument :
MSVOA_W
ClientSampleId :
VW0728SBS01

Tot Ion: 91 Resp: 270207
Ion Ratio Lower Upper
91 100
106 31.4 25.0 37.4

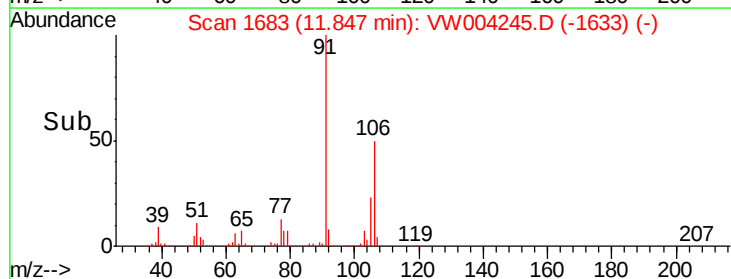
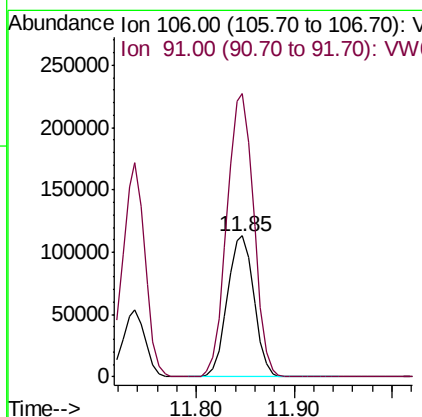
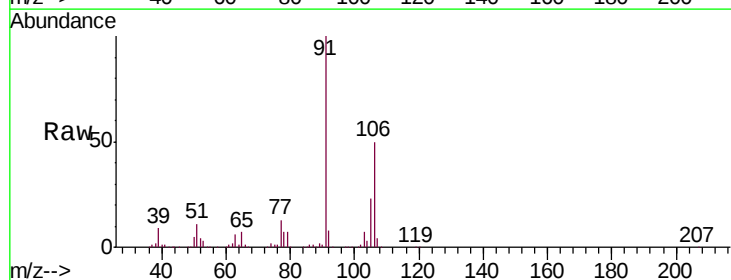
Manual Integrations
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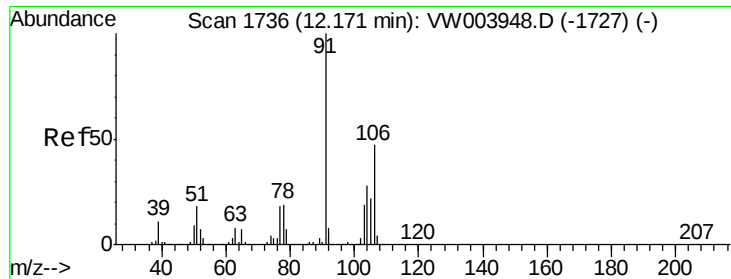
apatel
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#68
m/p-Xylenes
Concen: 41.489 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.01 min
Lab File: VW004245.D
Acq: 27 Jul 2018 01:55

Tgt Ion: 106 Resp: 213382
Ion Ratio Lower Upper
106 100
91 202.3 164.2 246.2





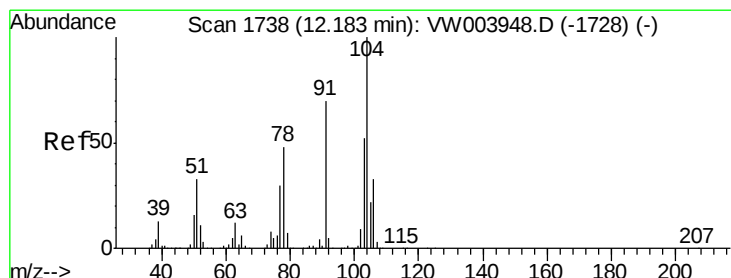
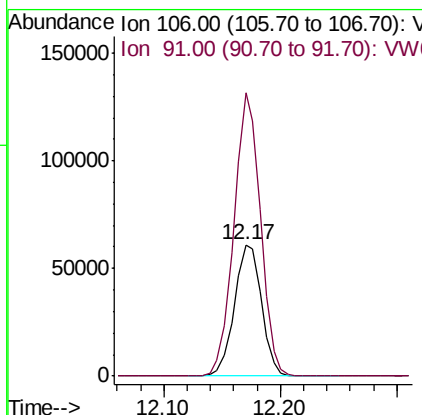
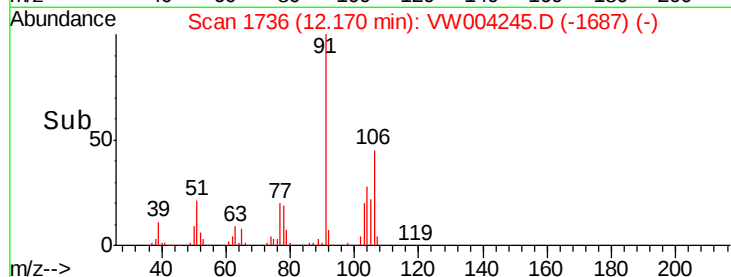
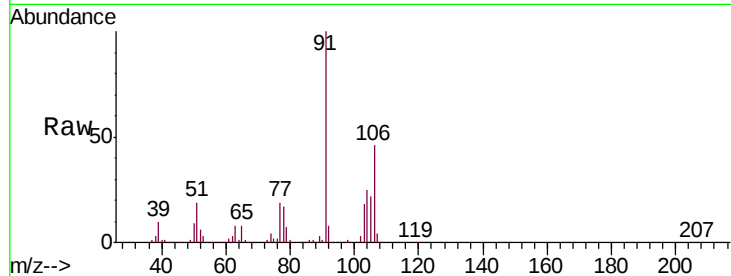
#69
o-Xylene
Concen: 20.695 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW004245.D
Acq: 27 Jul 2018 01:55

Instrument :
MSVOA_W
ClientSampled :
VW0728SBS01

Tot Ion:106 Resp: 98731
Ion Ratio Lower Upper
106 100
91 211.7 107.5 322.6

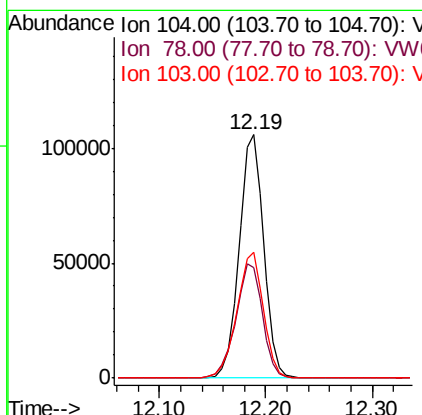
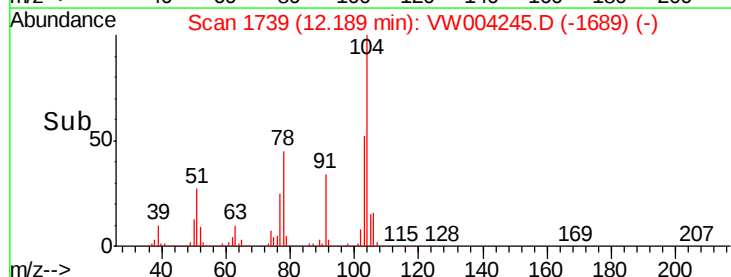
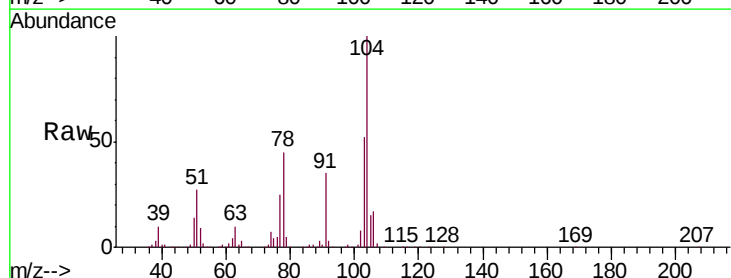
Manual Integrations
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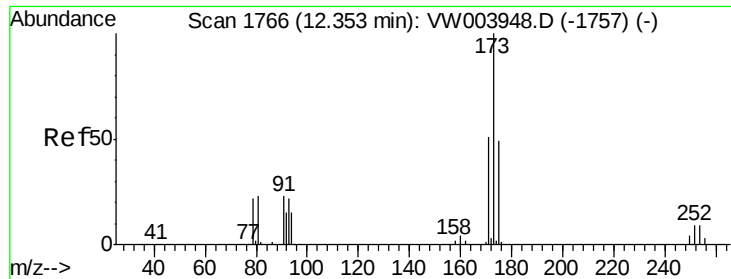
apatel
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#70
Styrene
Concen: 21.547 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.01 min
Lab File: VW004245.D
Acq: 27 Jul 2018 01:55

Tgt Ion:104 Resp: 171699
Ion Ratio Lower Upper
104 100
78 51.0 41.0 61.4
103 55.5 44.6 67.0





#71

Bromoform

Concen: 22.036 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. -0.00 min

Lab File: VW004245.D

Acq: 27 Jul 2018 01:55

Instrument :

MSVOA_W

ClientSampleId :

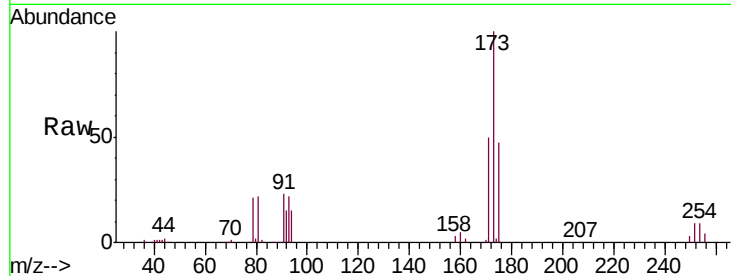
VW0728SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.0	24.4	73.2
254	0.0	0.1	0.1#

Manual Integrations
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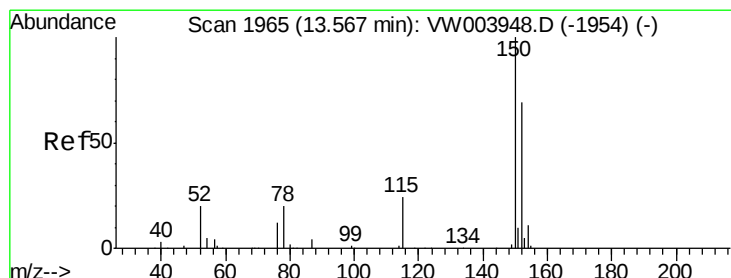
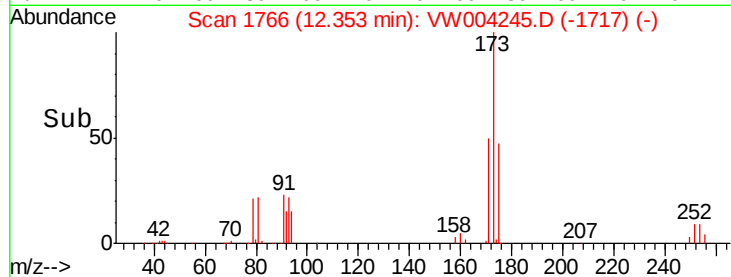
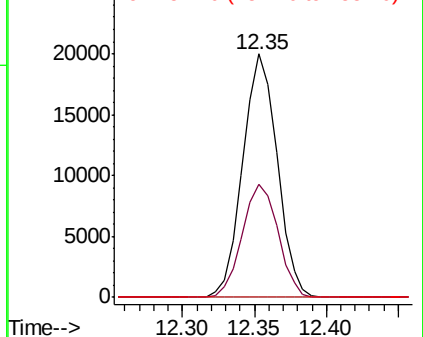


Abundance

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: 50.000 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VW004245.D

Acq: 27 Jul 2018 01:55

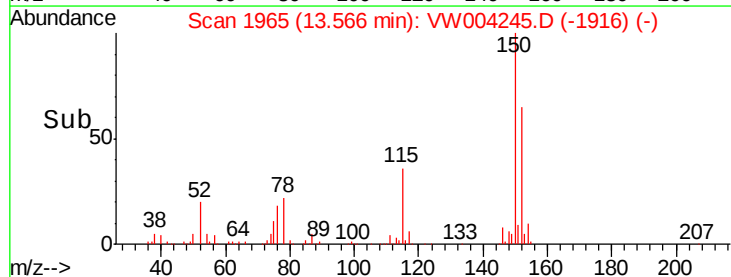
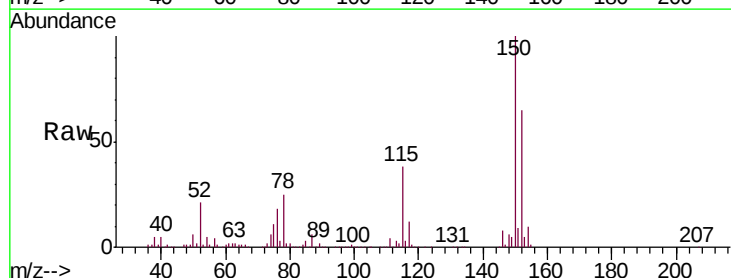
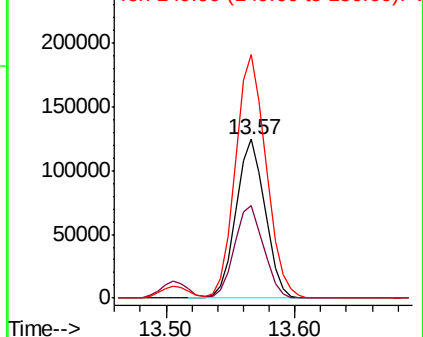
Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.0	29.2	87.6
150	162.2	0.0	345.2

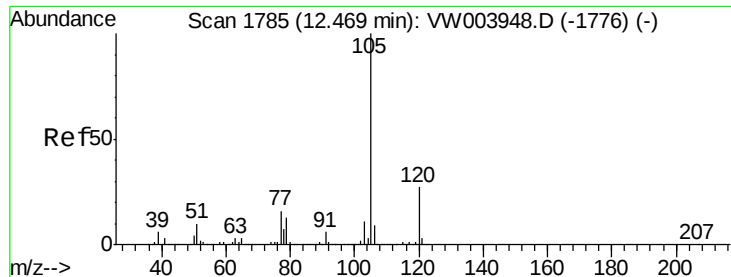
Abundance

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





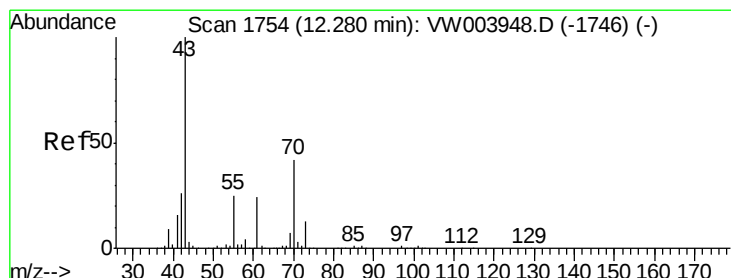
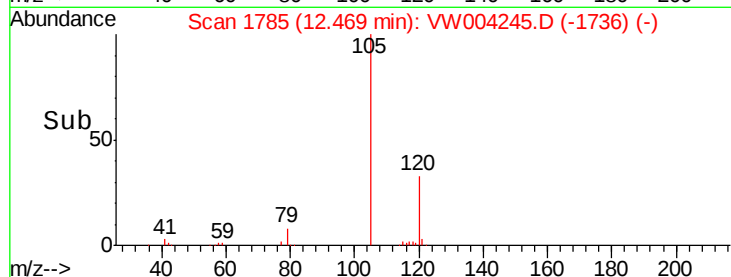
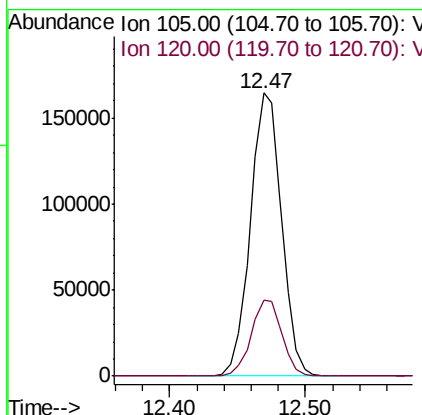
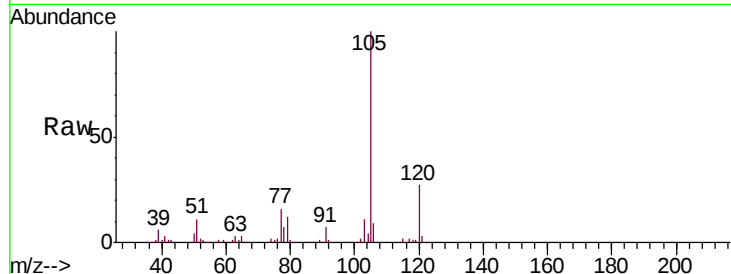
#73
Isopropylbenzene
Concen: 19.284 ug/l
RT: 12.47 min Scan# 1785
Delta R.T. -0.00 min
Lab File: VW004245.D
Acq: 27 Jul 2018 01:55

Instrument :
MSVOA_W
ClientSampleId :
VW0728SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.4	13.2	39.6

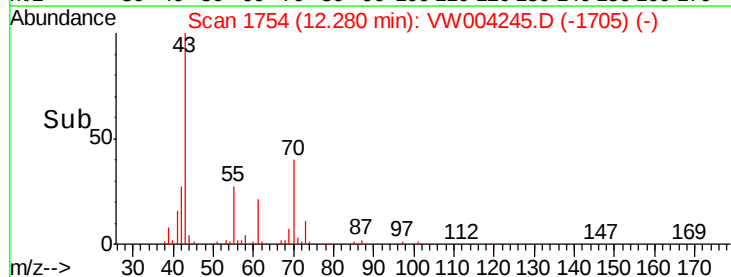
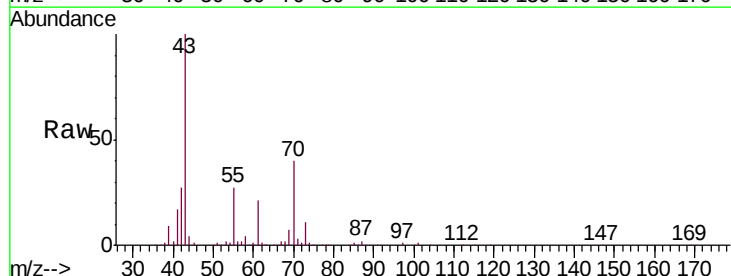
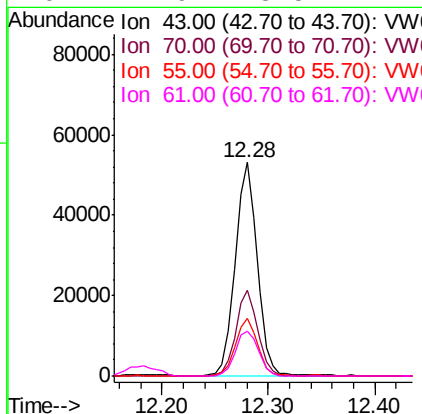
Manual Integrations
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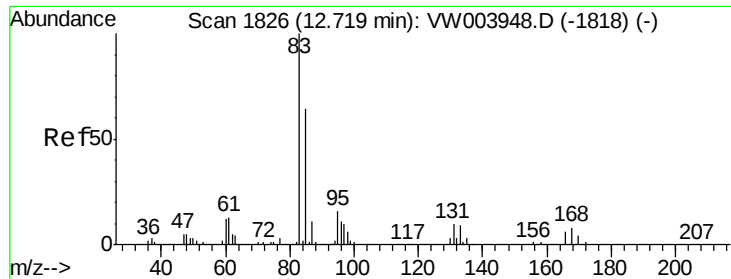
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#74
N-ethyl acetate
Concen: 21.775 ug/l
RT: 12.28 min Scan# 1754
Delta R.T. -0.00 min
Lab File: VW004245.D
Acq: 27 Jul 2018 01:55

Tgt Ion	Ratio	Lower	Upper
43	100		
70	39.7	31.6	47.4
55	26.9	20.0	30.0
61	21.9	18.5	27.7





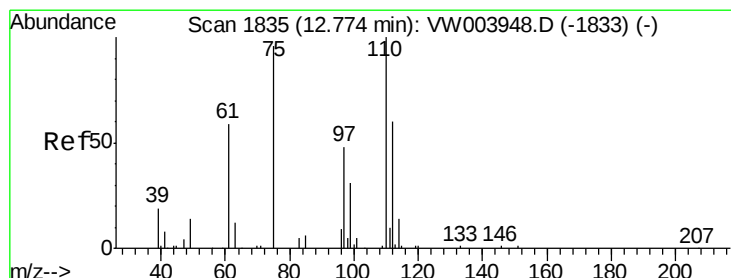
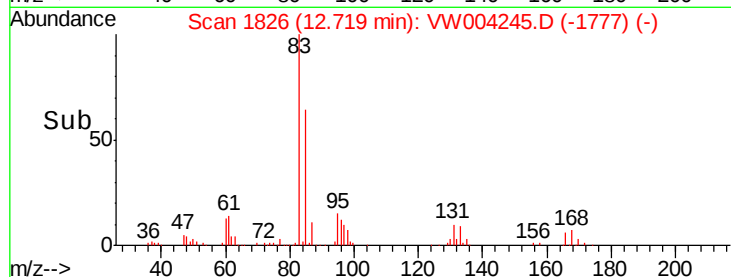
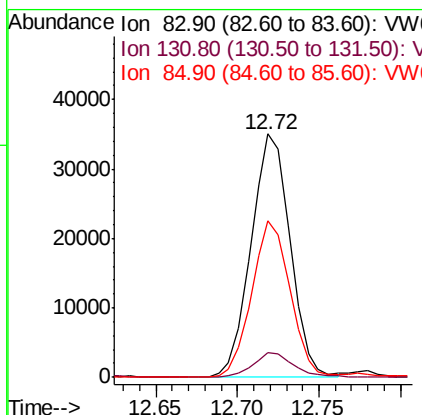
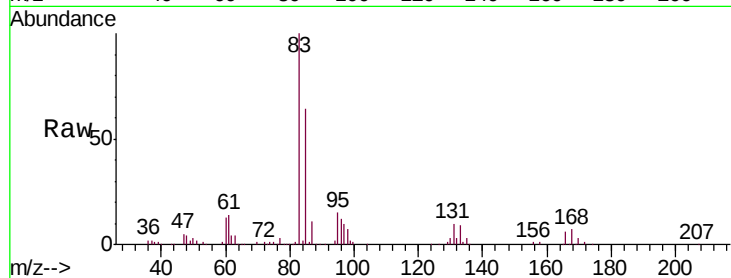
#75
 1,1,2,2-Tetrachloroethane
 Concen: 21.972 ug/l
 RT: 12.72 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VW004245.D
 Acq: 27 Jul 2018 01:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0728SBS01

Tot Ion	83	Resp	58302
Ion Ratio	100	Lower	Upper
83	100		
131	10.5	5.3	15.8
85	63.5	32.2	96.6

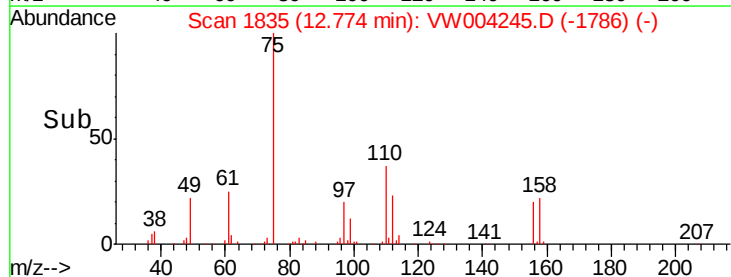
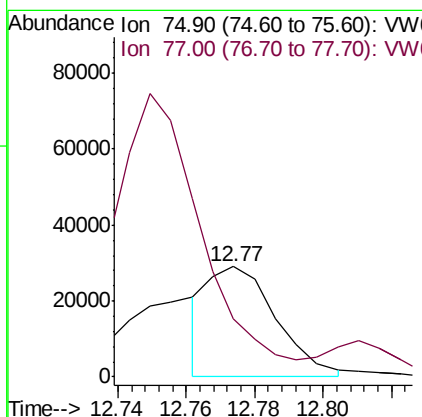
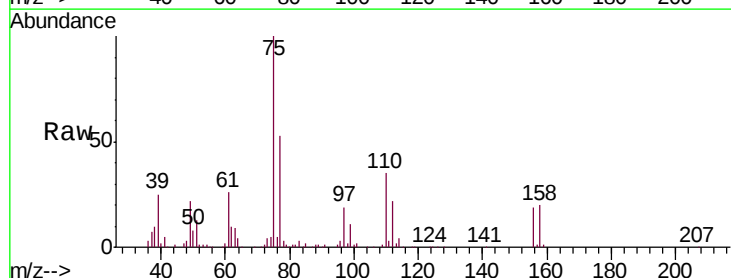
Manual Integrations
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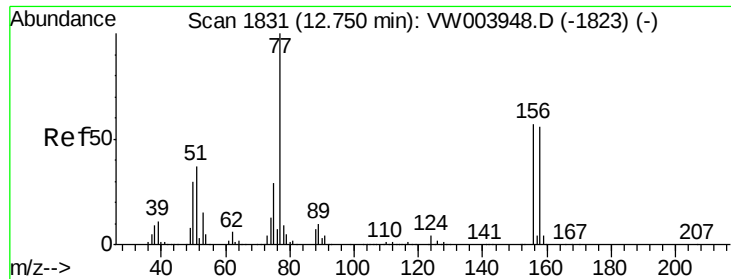
apatel
 7/27/2018 12:36:49 PM



#76
 1,2,3-Trichloropropane
 Concen: 20.968 ug/l m
 RT: 12.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VW004245.D
 Acq: 27 Jul 2018 01:55

Tgt Ion	75	Resp	40419
Ion Ratio	100	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.647 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VW004245.D

Acq: 27 Jul 2018 01:55

Instrument :

MSVOA_W

ClientSampleId :

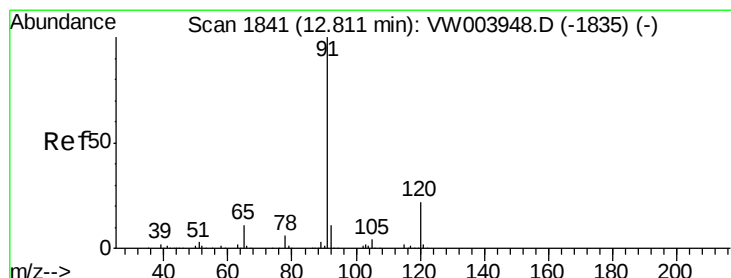
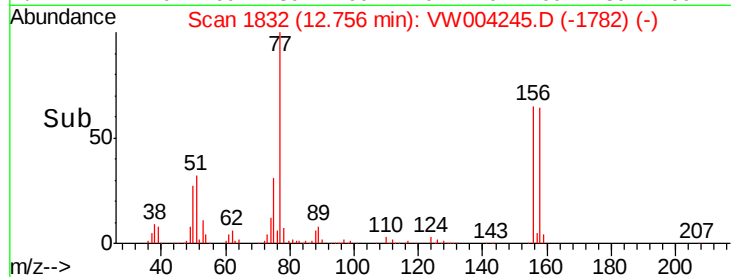
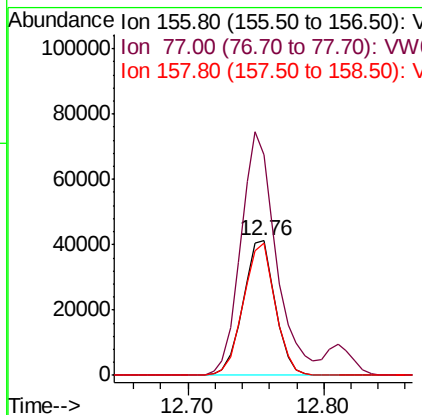
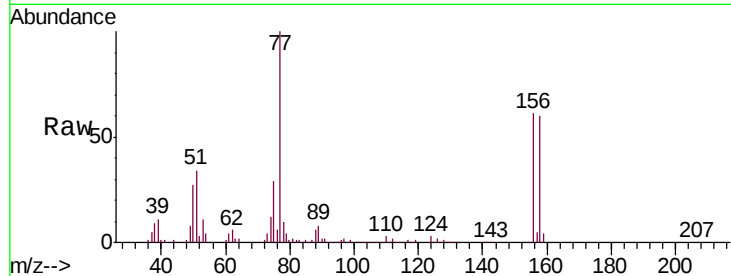
VW0728SBS01

Tot Ion:	156	Resp:	67786
Ion Ratio	Lower	Upper	
156	100		
77	198.0	96.2	288.6
158	97.3	48.5	145.5

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#78

n-propylbenzene

Concen: 20.144 ug/l

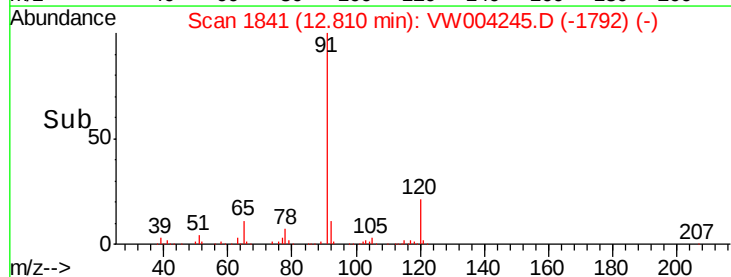
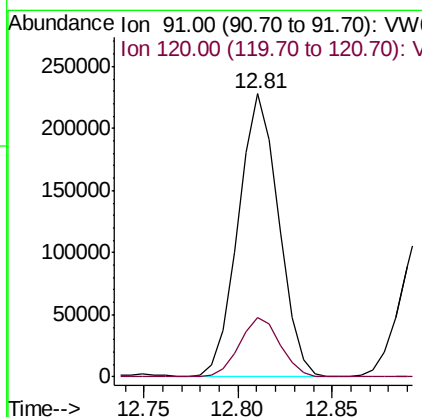
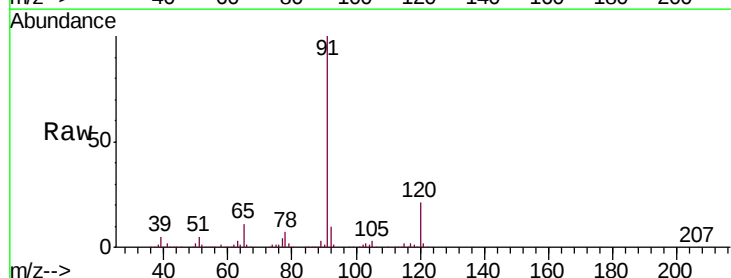
RT: 12.81 min Scan# 1841

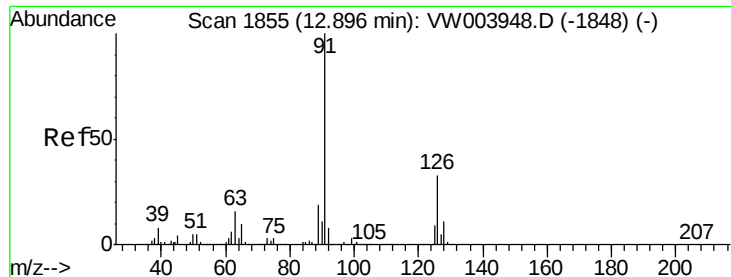
Delta R.T. -0.00 min

Lab File: VW004245.D

Acq: 27 Jul 2018 01:55

Tgt Ion:	91	Resp:	339083
Ion Ratio	Lower	Upper	
91	100		
120	21.3	11.2	33.6





#79

2-Chlorotoluene

Concen: 20.438 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW004245.D

Acq: 27 Jul 2018 01:55

Instrument :

MSVOA_W

ClientSampleId :

VW0728SBS01

Tot Ion: 91 Resp: 194034

Ion Ratio Lower Upper

91 100

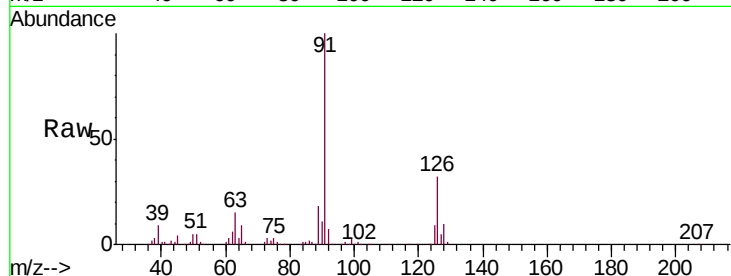
126 33.5 17.0 51.0

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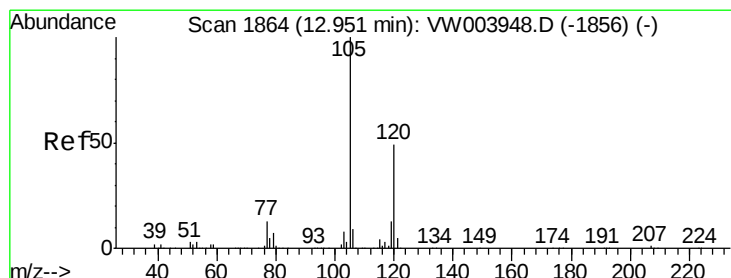
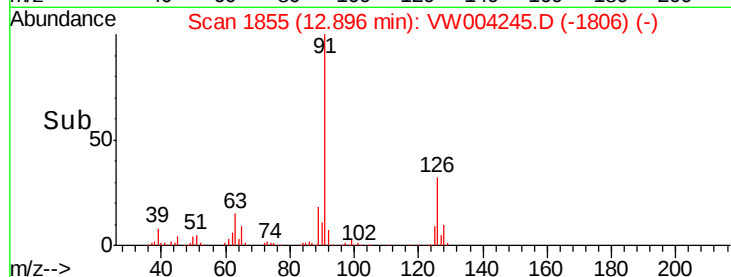
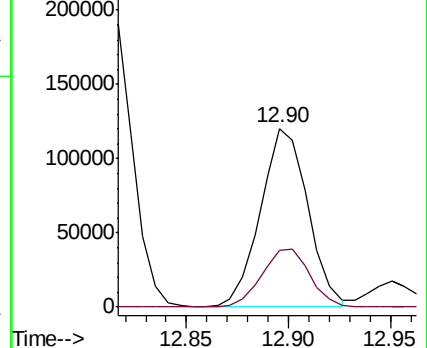
apatel

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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: 19.933 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VW004245.D

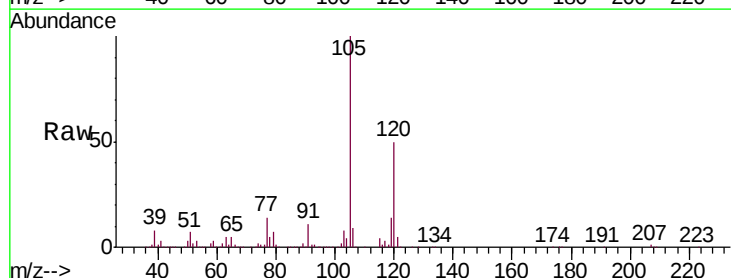
Acq: 27 Jul 2018 01:55

Tgt Ion:105 Resp: 230151

Ion Ratio Lower Upper

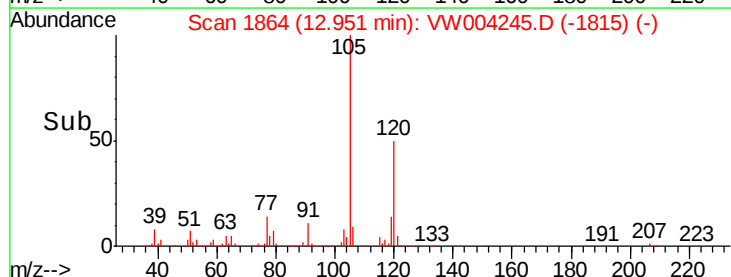
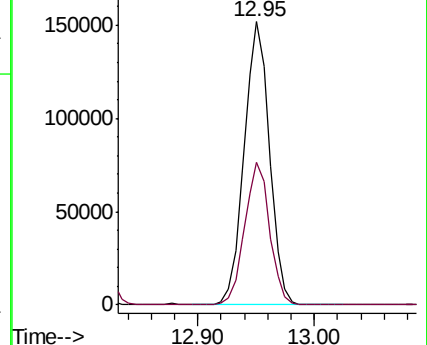
105 100

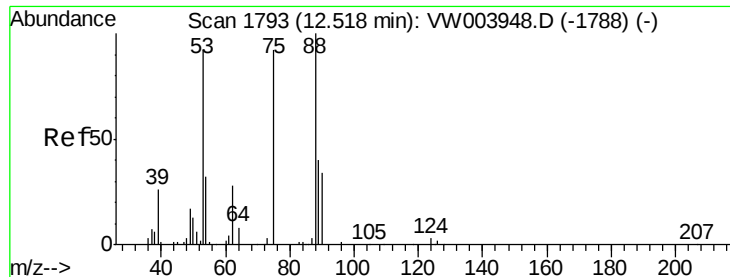
120 49.5 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





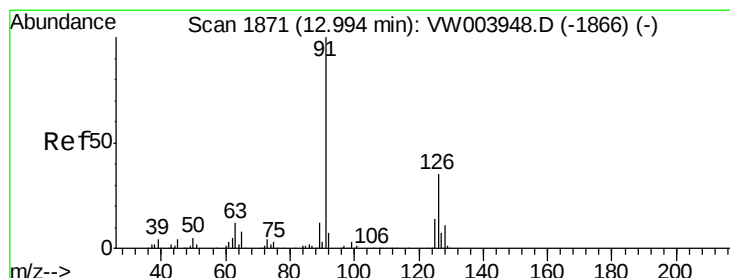
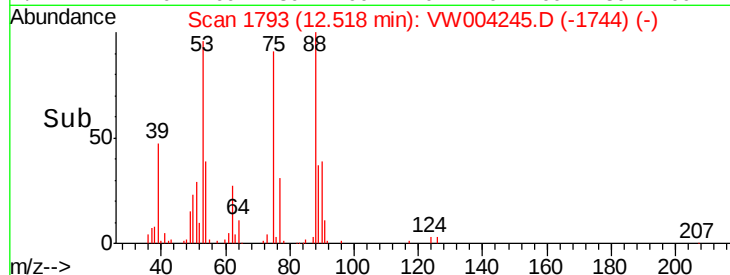
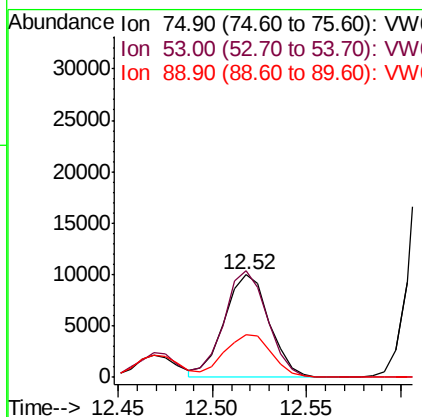
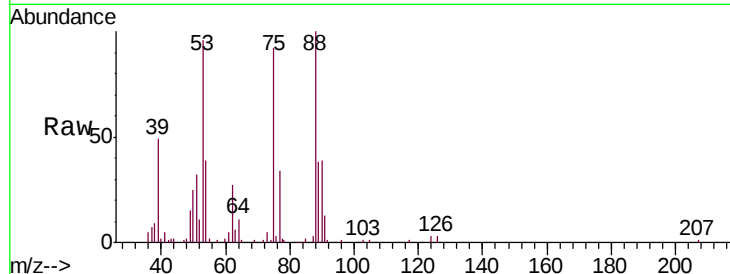
#81
trans-1,4-Dichloro-2-butene
Concen: 18.958 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VW004245.D
Acq: 27 Jul 2018 01:55

Instrument :
MSVOA_W
ClientSampleId :
VW0728SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	101.1	77.6	116.4
89	43.2	36.6	54.8

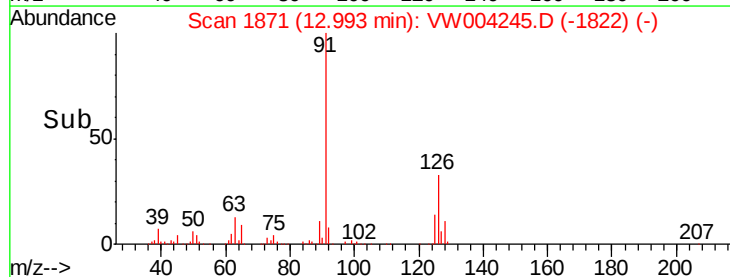
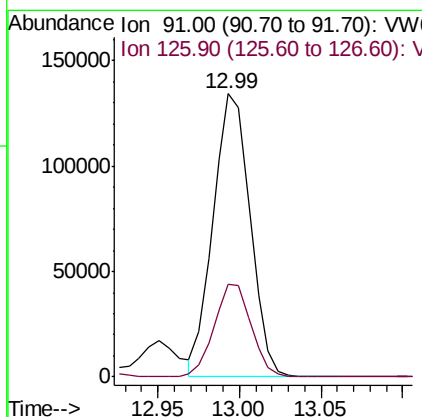
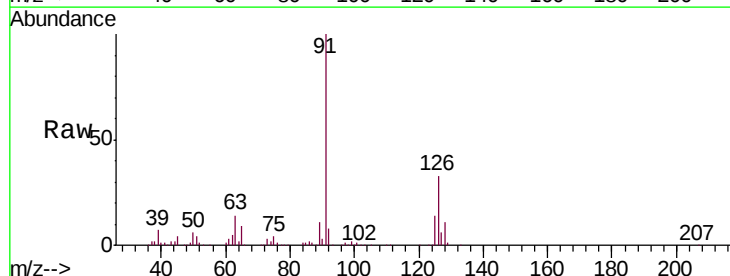
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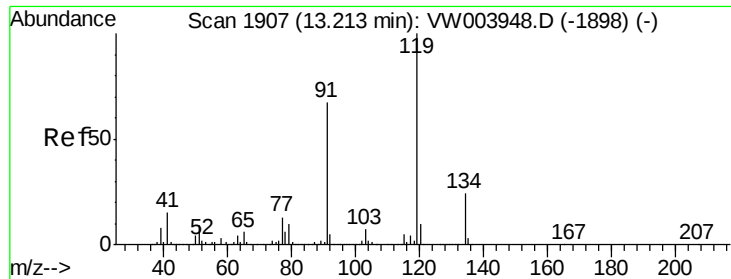
apatel
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#82
4-Chlorotoluene
Concen: 20.868 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. -0.00 min
Lab File: VW004245.D
Acq: 27 Jul 2018 01:55

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.8	16.7	50.0





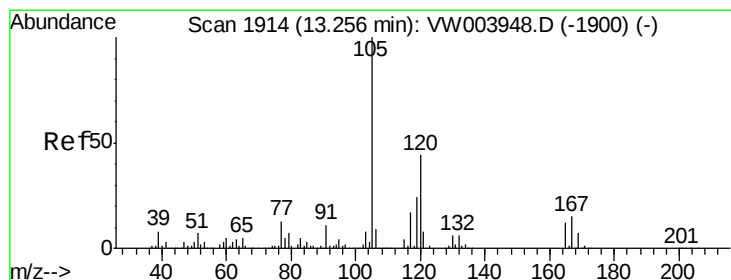
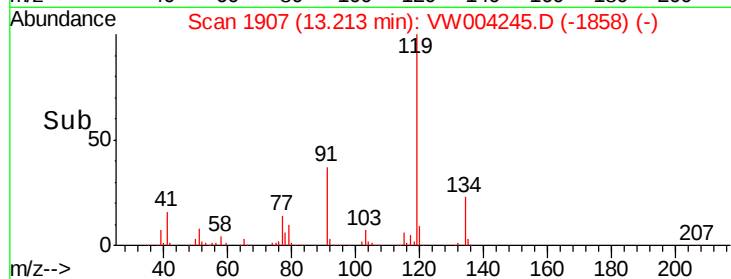
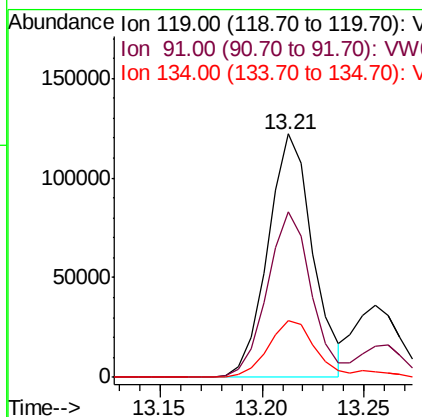
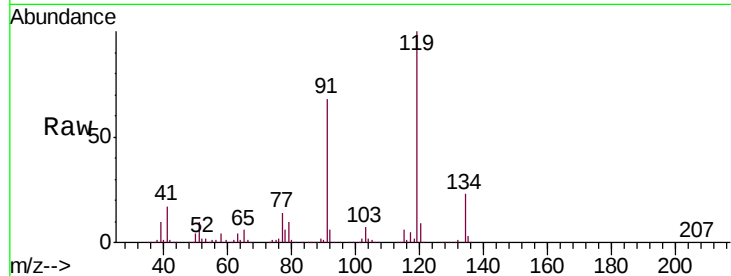
#83
tert-Butylbenzene
Concen: 19.304 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. -0.00 min
Lab File: VW004245.D
Acq: 27 Jul 2018 01:55

Instrument :
MSVOA_W
ClientSampleId :
VW0728SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	187129		
91	68.0		33.2	99.6
134	26.3		13.0	38.9

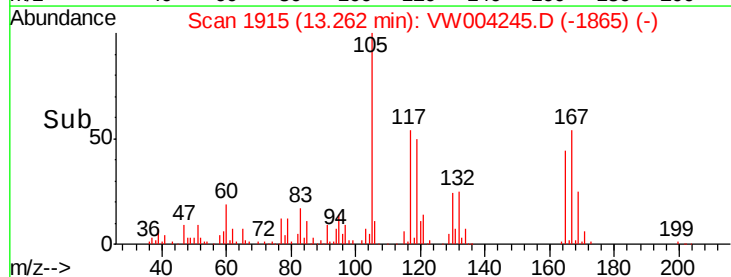
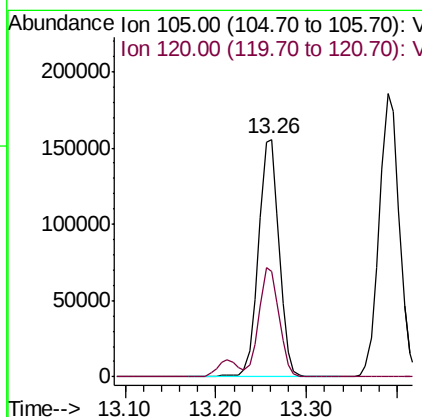
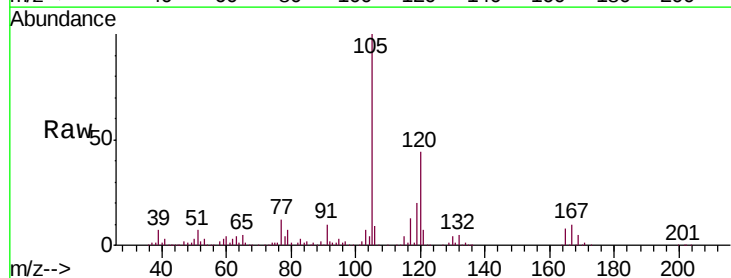
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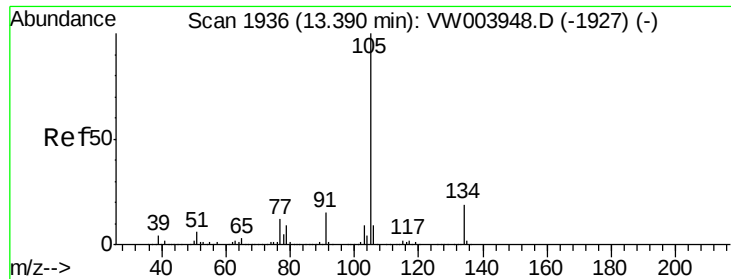
apatel
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#84
1,2,4-Trimethylbenzene
Concen: 20.580 ug/l
RT: 13.26 min Scan# 1915
Delta R.T. 0.01 min
Lab File: VW004245.D
Acq: 27 Jul 2018 01:55

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	244475		
120	45.0		22.1	66.1





#85

sec-Butylbenzene

Concen: 19.720 ug/l

RT: 13.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VW004245.D

Acq: 27 Jul 2018 01:55

Instrument :

MSVOA_W

ClientSampleId :

VW0728SBS01

Tot Ion:105 Resp: 283644

Ion Ratio Lower Upper

105 100

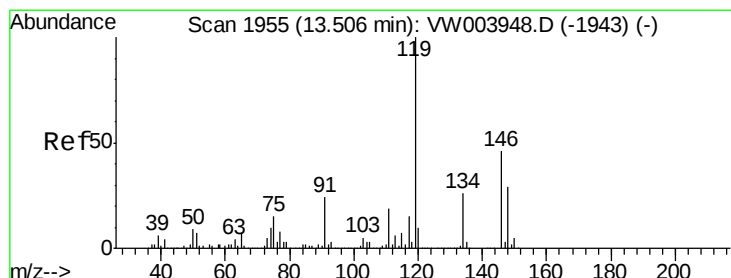
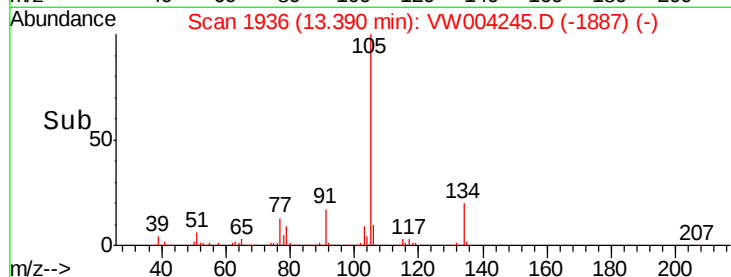
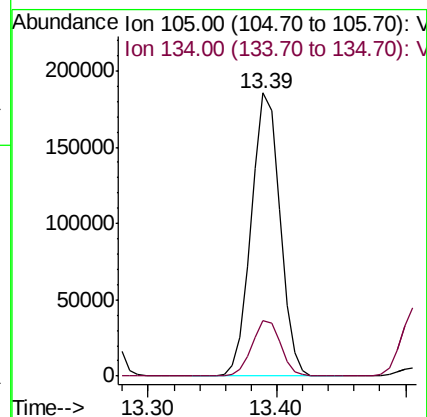
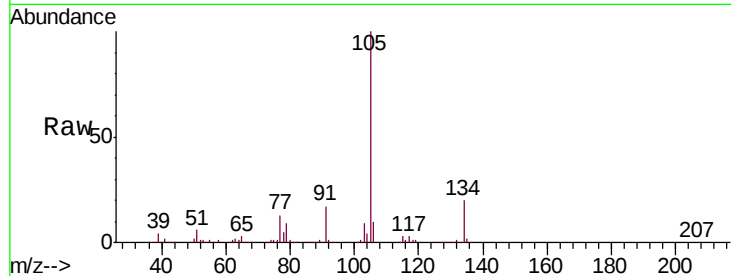
134 19.6 9.8 29.4

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 19.621 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW004245.D

Acq: 27 Jul 2018 01:55

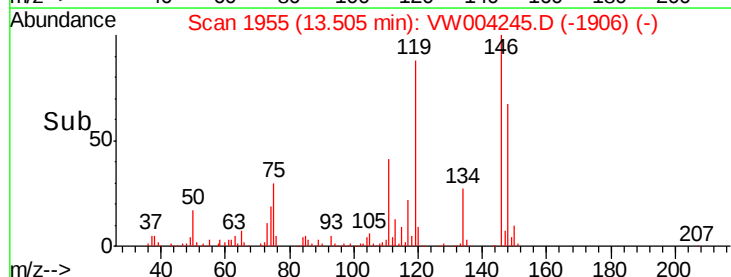
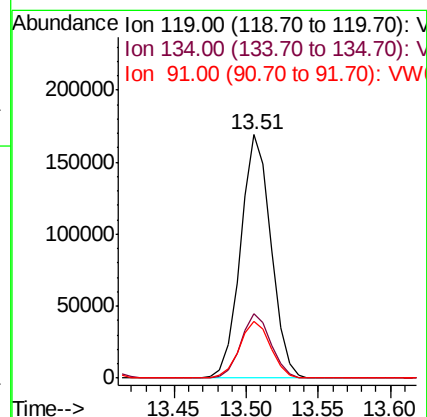
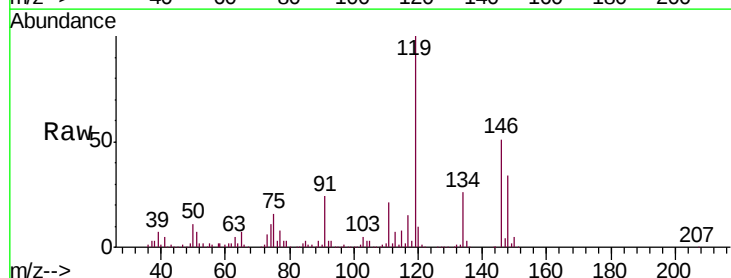
Tgt Ion:119 Resp: 247548

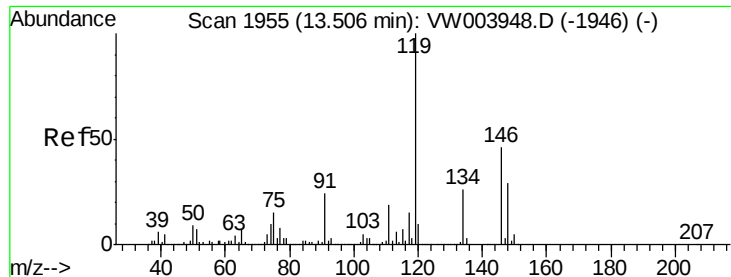
Ion Ratio Lower Upper

119 100

134 26.1 13.0 38.9

91 23.7 11.8 35.3





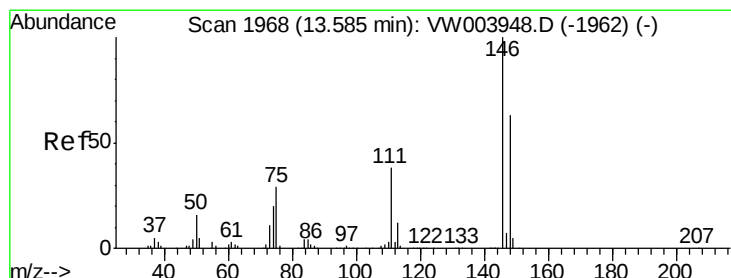
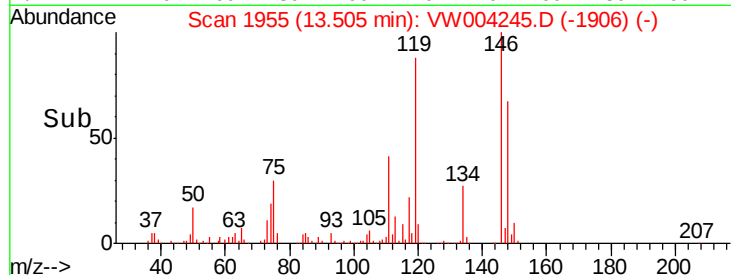
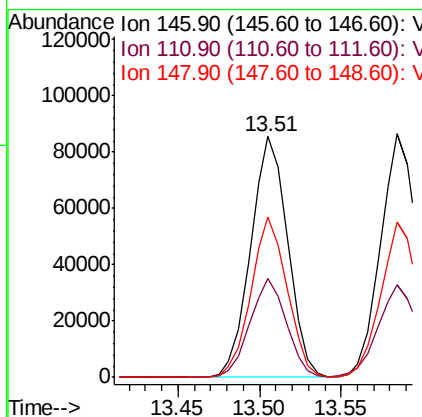
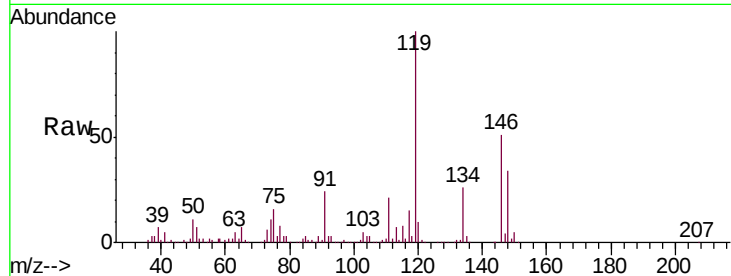
#87
 1,3-Dichlorobenzene
 Concen: 20.650 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW004245.D
 Acq: 27 Jul 2018 01:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0728SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	135411		
111	40.4	19.9	59.6	
148	65.0	31.9	95.5	

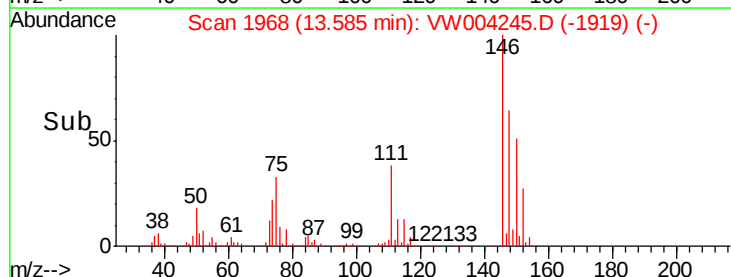
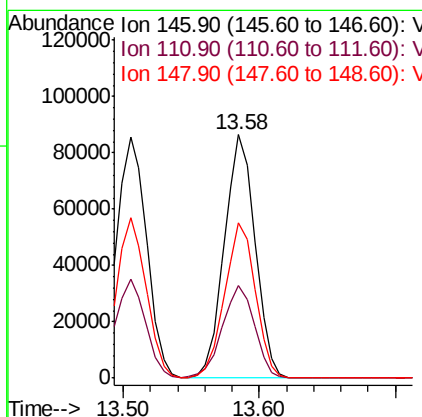
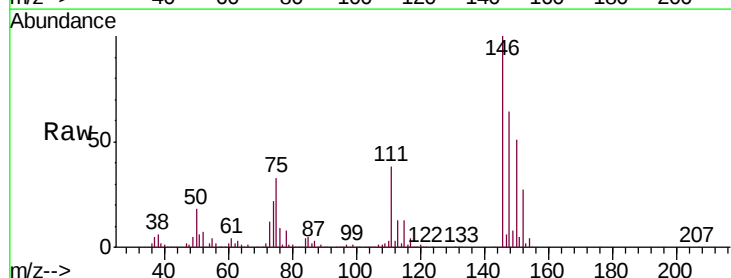
Manual Integrations
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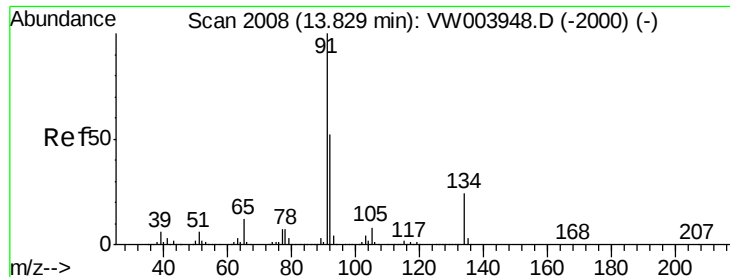
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#88
 1,4-Dichlorobenzene
 Concen: 20.669 ug/l
 RT: 13.58 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VW004245.D
 Acq: 27 Jul 2018 01:55

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	135924		
111	40.0	19.6	58.7	
148	63.9	32.3	96.8	





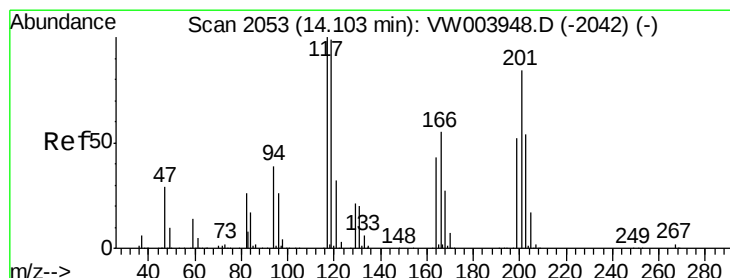
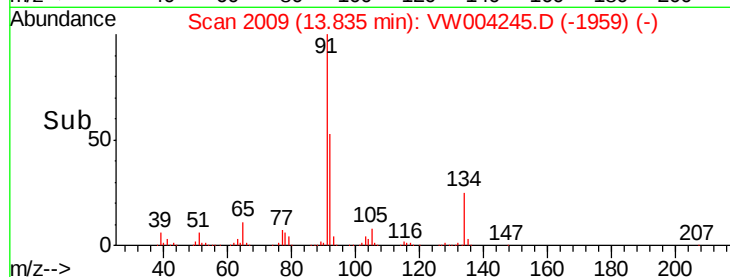
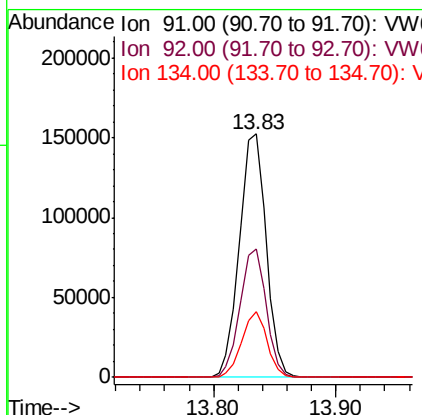
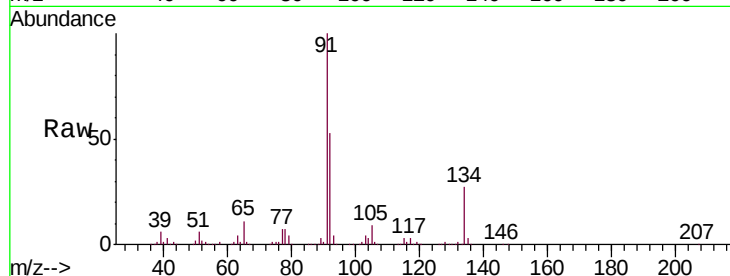
#89
n-Butylbenzene
Concen: 18.664 ug/l
RT: 13.83 min Scan# 2009
Delta R.T. 0.01 min
Lab File: VW004245.D
Acq: 27 Jul 2018 01:55

Instrument :
MSVOA_W
ClientSampleId :
VW0728SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.7	26.1	78.3
134	25.4	12.4	37.4

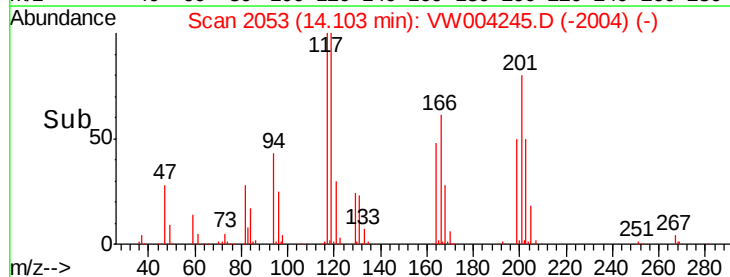
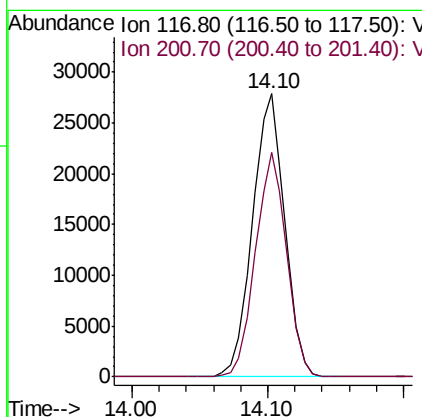
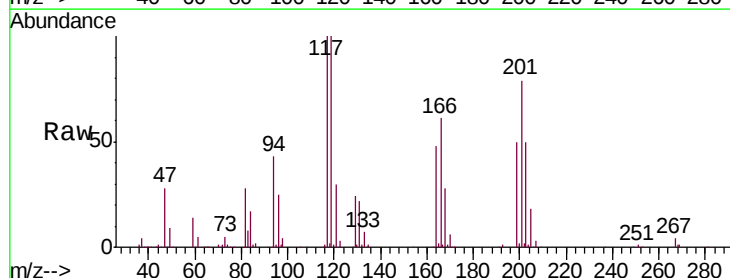
Manual Integrations
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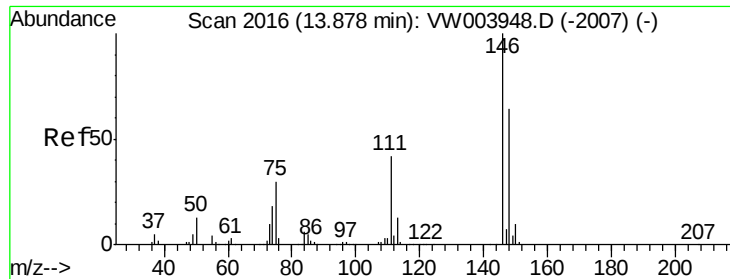
apatel
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#90
Hexachloroethane
Concen: 19.922 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. -0.00 min
Lab File: VW004245.D
Acq: 27 Jul 2018 01:55

Tgt Ion	Ratio	Lower	Upper
117	100		
201	76.7	40.3	120.9





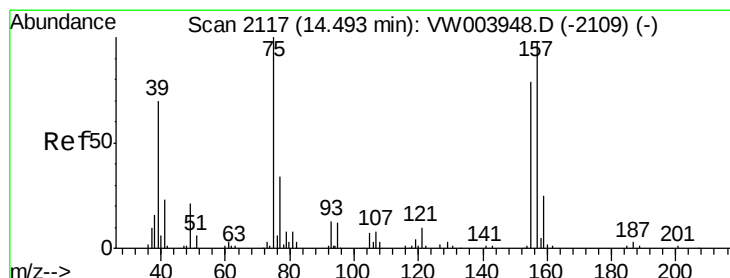
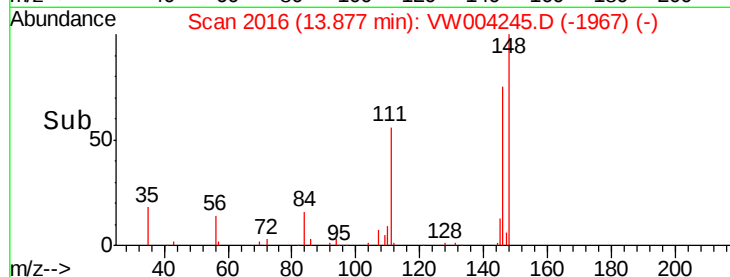
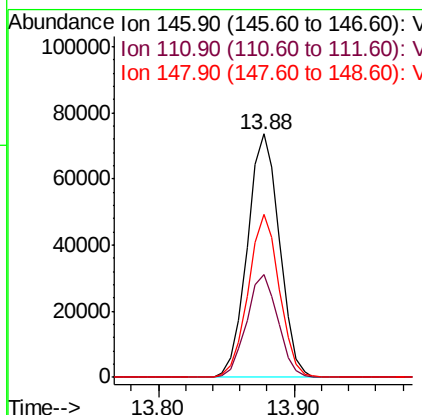
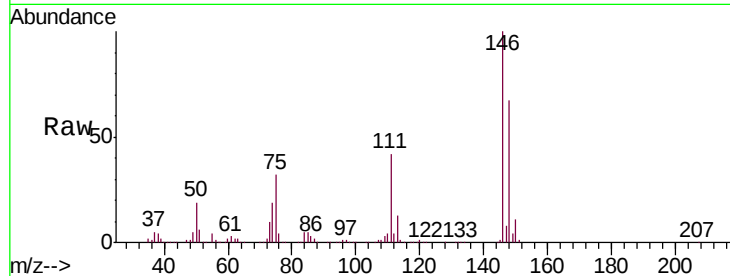
#91
 1,2-Dichlorobenzene
 Concen: 20.834 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: VW004245.D
 Acq: 27 Jul 2018 01:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0728SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.7	62.1
148	65.0	32.0	96.2

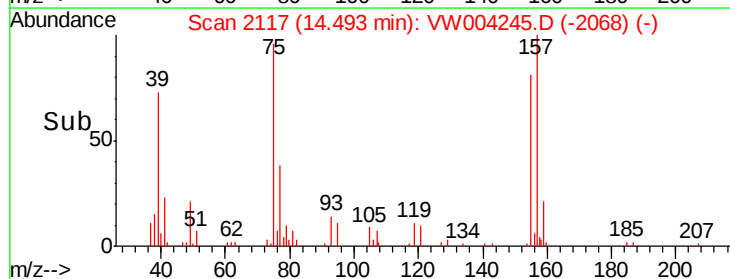
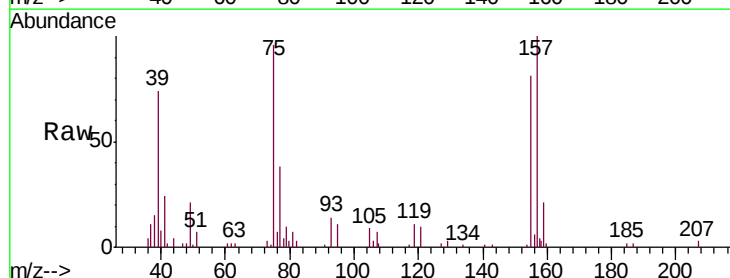
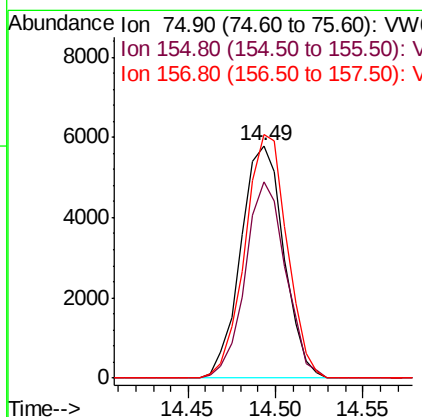
Manual Integrations
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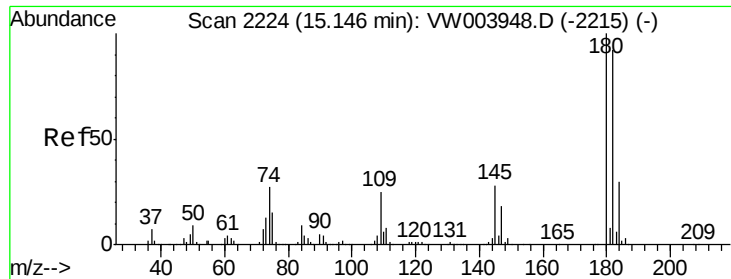
apatel
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.954 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VW004245.D
 Acq: 27 Jul 2018 01:55

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.4	39.4	118.1
157	102.4	51.8	155.4





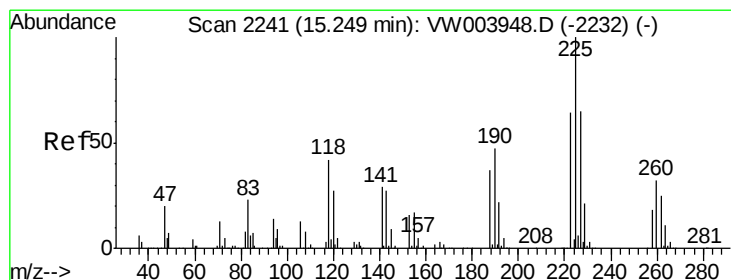
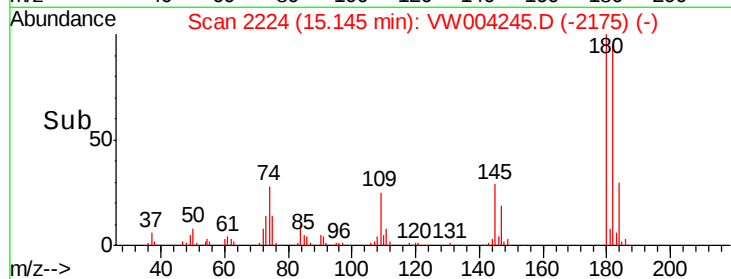
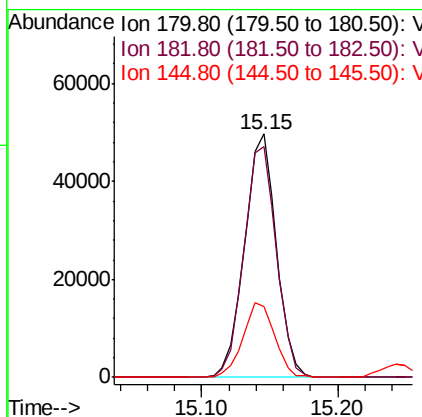
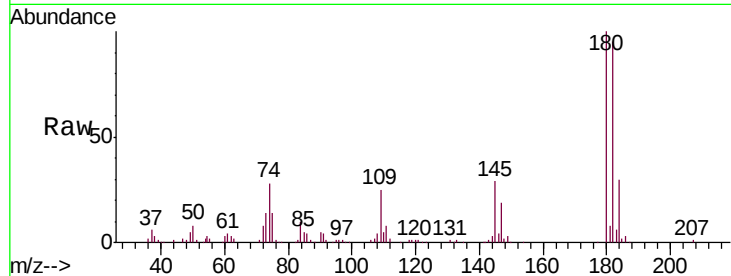
#93
1,2,4-Trichlorobenzene
Concen: 19.814 ug/l
RT: 15.15 min Scan# 2224
Delta R.T. -0.00 min
Lab File: VW004245.D
Acq: 27 Jul 2018 01:55

Instrument :
MSVOA_W
ClientSampleId :
VW0728SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.0	46.9	140.8
145	30.5	15.0	45.0

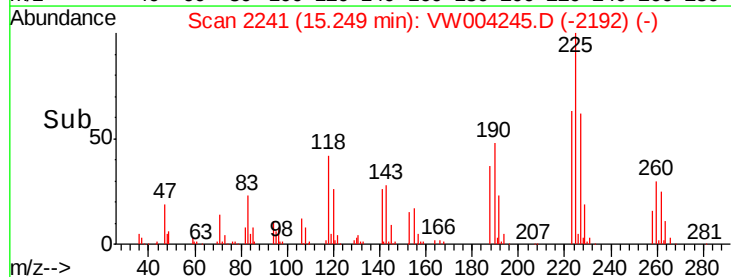
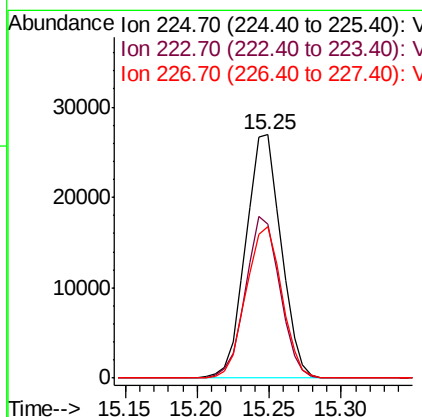
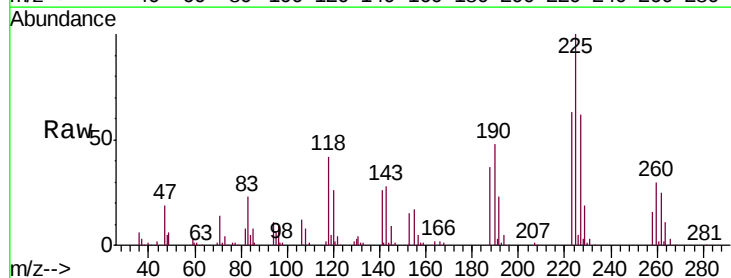
Manual Integrations
APPROVED

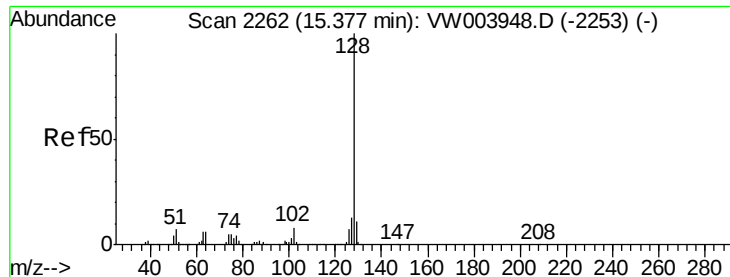
apatel
7/27/2018 12:36:49 PM



#94
Hexachlorobutadiene
Concen: 19.401 ug/l
RT: 15.25 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW004245.D
Acq: 27 Jul 2018 01:55

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.4	32.0	96.2
227	62.9	32.3	96.9





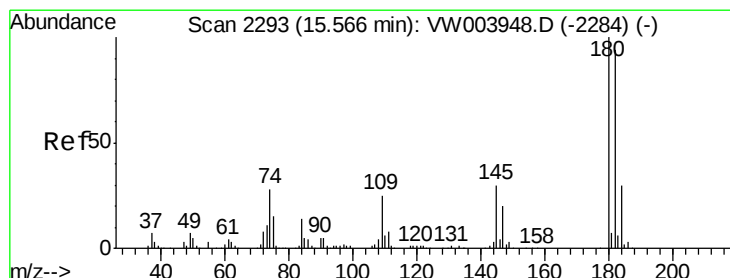
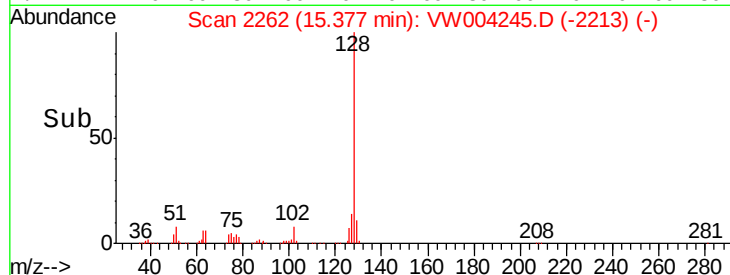
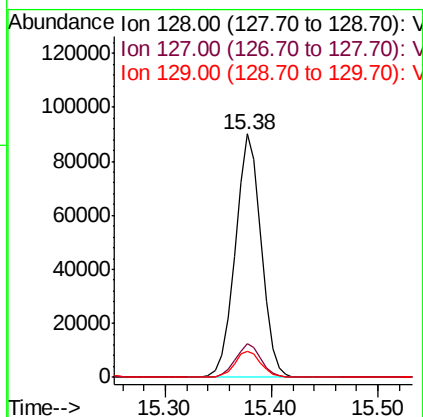
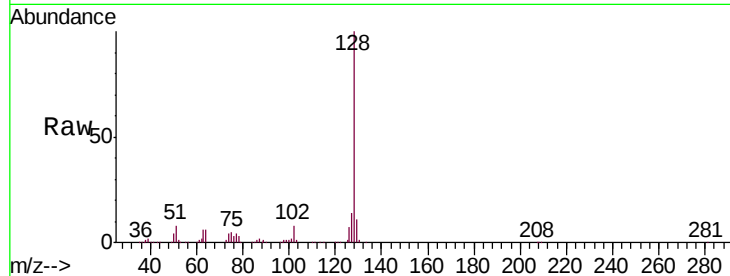
#95
Naphthalene
Concen: 20.286 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VW004245.D
Acq: 27 Jul 2018 01:55

Instrument :
MSVOA_W
ClientSampleId :
VW0728SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.7	16.1
129	10.8	8.7	13.1

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 20.383 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VW004245.D
Acq: 27 Jul 2018 01:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.5	142.6
145	32.6	15.8	47.4

