

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081318\
 Data File : VW004590.D
 Acq On : 10 Aug 2018 12:14
 Operator : SY/AP
 Sample : VW0813SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0813SBSD01

Manual Integrations
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 8/13/2018 12:57:14 PM

Quant Time: Aug 11 01:32:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W080618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 08:22:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	719971	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	1106318	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1031369	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	547693	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	358072	44.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.86%	
35) Dibromofluoromethane	7.88	113	357394	48.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.90%	
50) Toluene-d8	10.33	98	1446046	51.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.84%	
62) 4-Bromofluorobenzene	12.62	95	512139	50.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.12%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	104200	21.09	ug/l	99
3) Chloromethane	2.22	50	136393	19.81	ug/l	100
4) Vinyl Chloride	2.37	62	200812	20.88	ug/l	97
5) Bromomethane	2.78	94	114709	20.49	ug/l	97
6) Chloroethane	2.93	64	118625	20.65	ug/l	95
7) Trichlorofluoromethane	3.26	101	96865	27.27	ug/l	94
8) Diethyl Ether	3.68	74	81398	18.12	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	160360	20.44	ug/l	99
10) Methyl Iodide	4.26	142	233072	19.80	ug/l	100
11) Tert butyl alcohol	5.21	59	36418	78.04	ug/l #	84
12) 1,1-Dichloroethene	4.03	96	156424	19.81	ug/l	99
13) Acrolein	3.90	56	51354	89.82	ug/l	100
14) Allyl chloride	4.67	41	235978	19.89	ug/l	99
15) Acrylonitrile	5.37	53	160565	80.42	ug/l	99
16) Acetone	4.14	43	190689	95.81	ug/l	99
17) Carbon Disulfide	4.37	76	516303	20.35	ug/l	98
18) Methyl Acetate	4.68	43	73554	14.82	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	182948	16.99	ug/l	100
20) Methylene Chloride	4.91	84	213191	15.89	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	164681	19.35	ug/l	99
22) Diisopropyl ether	6.32	45	476538	19.55	ug/l	100
23) Vinyl Acetate	6.26	43	1233284	84.18	ug/l	100
24) 1,1-Dichloroethane	6.21	63	300842	19.28	ug/l	98
25) 2-Butanone	7.18	43	249295	77.87	ug/l	98
26) 2,2-Dichloropropane	7.17	77	178288	21.77	ug/l	96
27) cis-1,2-Dichloroethene	7.17	96	175886	19.21	ug/l	99
28) Bromochloromethane	7.52	49	125816	18.53	ug/l	99
29) Tetrahydrofuran	7.54	42	122425	73.97	ug/l	98
30) Chloroform	7.68	83	290416	18.95	ug/l	99
31) Cyclohexane	7.96	56	296646	19.87	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	235201	20.43	ug/l	98
36) 1,1-Dichloropropene	8.09	75	241808	20.30	ug/l	99
37) Ethyl Acetate	7.26	43	87624	15.71	ug/l	97
38) Carbon Tetrachloride	8.07	117	218376	20.37	ug/l	99

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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	296352	20.30	ug/l	98
40) Benzene	8.33	78	686497	19.63	ug/l	98
41) Methacrylonitrile	7.49	41	52834	16.96	ug/l #	90
42) 1,2-Dichloroethane	8.40	62	173475	17.92	ug/l	100
43) Isopropyl Acetate	8.43	43	153740	15.81	ug/l	97
44) Trichloroethene	9.09	130	167772	19.52	ug/l	95
45) 1,2-Dichloropropane	9.37	63	168800	19.27	ug/l	100
46) Dibromomethane	9.46	93	78402	17.58	ug/l	100
47) Bromodichloromethane	9.65	83	192634	18.30	ug/l	98
48) Methyl methacrylate	9.44	41	72644	15.98	ug/l	100
49) 1,4-Dioxane	9.48	88	23298	342.43	ug/l #	98
51) 4-Methyl-2-Pentanone	10.21	43	523349	77.31	ug/l	99
52) Toluene	10.39	92	412753	20.01	ug/l	97
53) t-1,3-Dichloropropene	10.61	75	189786	17.96	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	229354	18.62	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	112528	17.60	ug/l	99
56) Ethyl methacrylate	10.65	69	124779	16.31	ug/l	100
57) 1,3-Dichloropropane	10.94	76	198459	18.01	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	322805	85.53	ug/l	99
59) 2-Hexanone	10.98	43	359888	78.42	ug/l	98
60) Dibromochloromethane	11.13	129	122446	17.61	ug/l	99
61) 1,2-Dibromoethane	11.24	107	104621	17.42	ug/l	99
64) Tetrachloroethene	10.87	164	141638	19.69	ug/l	98
65) Chlorobenzene	11.66	112	448934	19.75	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	148436	19.18	ug/l	98
67) Ethyl Benzene	11.74	91	777960	20.19	ug/l	99
68) m/p-Xylenes	11.85	106	605867	40.69	ug/l	100
69) o-Xylene	12.17	106	273248	19.79	ug/l	99
70) Styrene	12.19	104	466733	20.00	ug/l	100
71) Bromoform	12.35	173	72056	16.94	ug/l #	99
73) Isopropylbenzene	12.47	105	778289	20.54	ug/l	100
74) N-amyl acetate	12.28	43	143711	15.64	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	134140	16.96	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	108793m	19.20	ug/l	
77) Bromobenzene	12.76	156	178209	19.44	ug/l	97
78) n-propylbenzene	12.81	91	983295	21.03	ug/l	100
79) 2-Chlorotoluene	12.90	91	553609	20.46	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	675560	20.90	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	38333	16.19	ug/l	97
82) 4-Chlorotoluene	12.99	91	575805	20.06	ug/l	98
83) tert-Butylbenzene	13.21	119	559299	20.63	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	696195	20.81	ug/l	100
85) sec-Butylbenzene	13.39	105	858646	21.00	ug/l	100
86) p-Isopropyltoluene	13.51	119	744801	21.02	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	372731	19.74	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	370667	19.72	ug/l	99
89) n-Butylbenzene	13.83	91	723857	20.79	ug/l	99
90) Hexachloroethane	14.10	117	130955	19.97	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	329237	19.22	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	20295	15.71	ug/l	98

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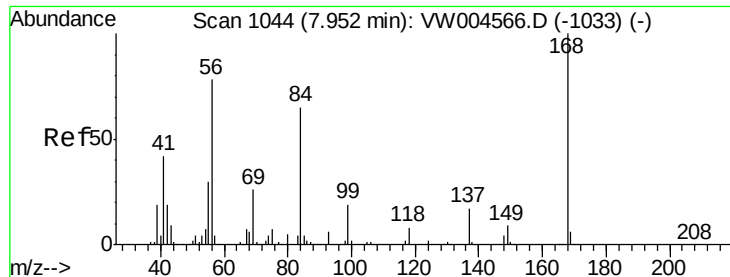
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	228002	19.22	ug/l	99
94) Hexachlorobutadiene	15.24	225	143375	20.76	ug/l	99
95) Naphthalene	15.38	128	367062	17.03	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	198451	18.62	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW004590.D

Acq: 10 Aug 2018 12:14

Instrument :

MSVOA_W

ClientSampled :

VW0813SBSD01

Tot Ion:168 Resp: 719971

Ion Ratio Lower Upper

168 100

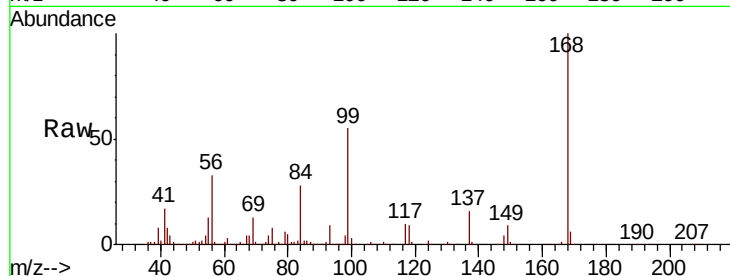
99 54.6 44.1 66.1

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Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

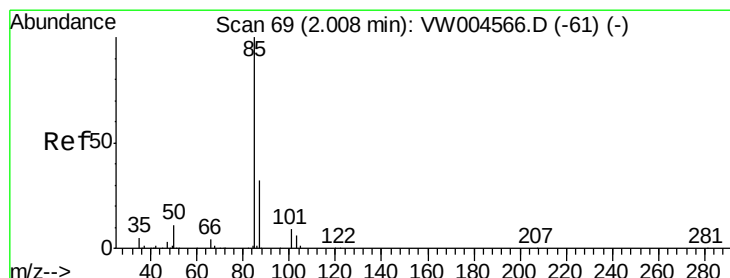
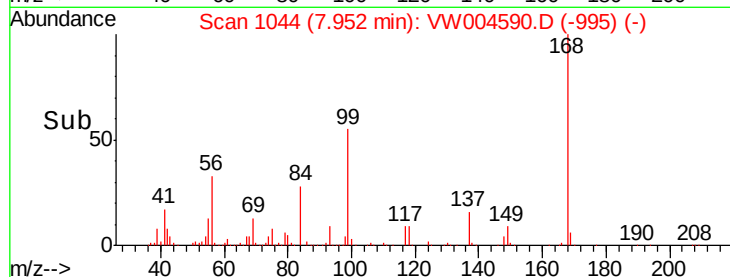
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 21.09 ug/l

RT: 2.01 min Scan# 69

Delta R.T. 0.00 min

Lab File: VW004590.D

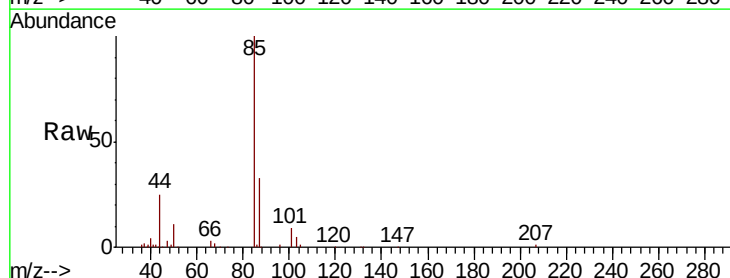
Acq: 10 Aug 2018 12:14

Tgt Ion: 85 Resp: 104200

Ion Ratio Lower Upper

85 100

87 32.6 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

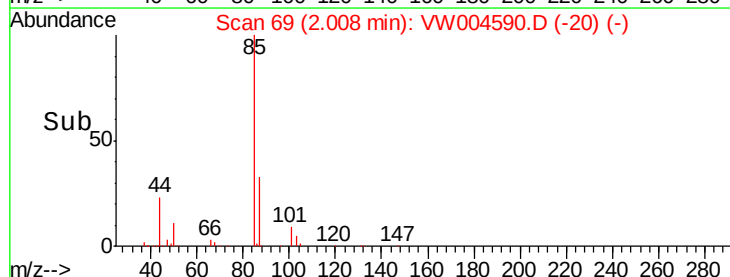
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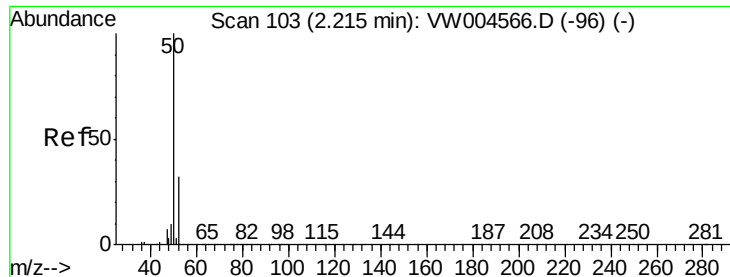
20000

10000

0

Time-->





#3

Chloromethane

Concen: 19.81 ug/l

RT: 2.22 min Scan# 103

Delta R.T. 0.00 min

Lab File: VW004590.D

Acq: 10 Aug 2018 12:14

Instrument :

MSVOA_W

ClientSampleId :

VW0813SBSD01

Tot Ion: 50 Resp: 136393

Ion Ratio Lower Upper

50 100

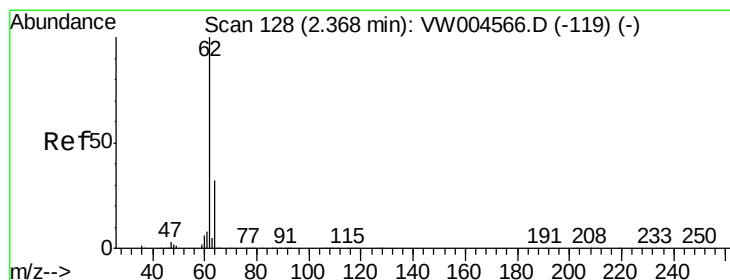
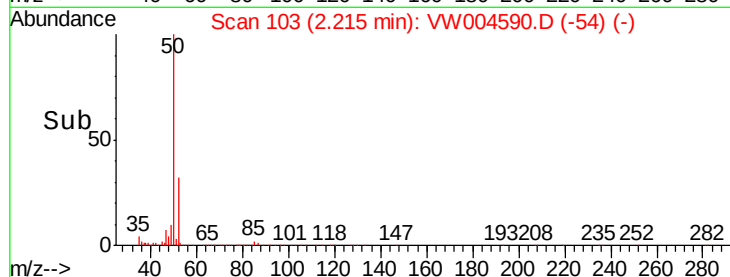
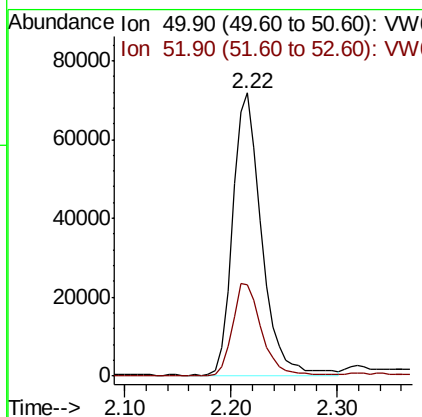
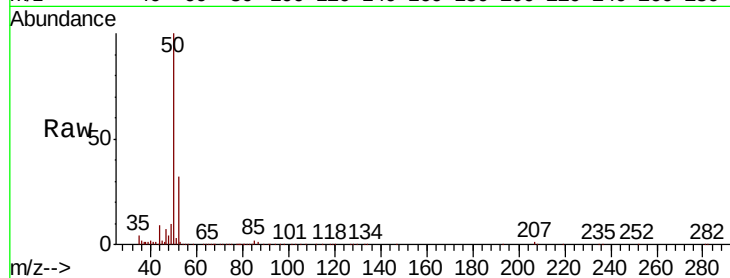
52 32.2 25.8 38.8

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#4

Vinyl Chloride

Concen: 20.88 ug/l

RT: 2.37 min Scan# 128

Delta R.T. 0.00 min

Lab File: VW004590.D

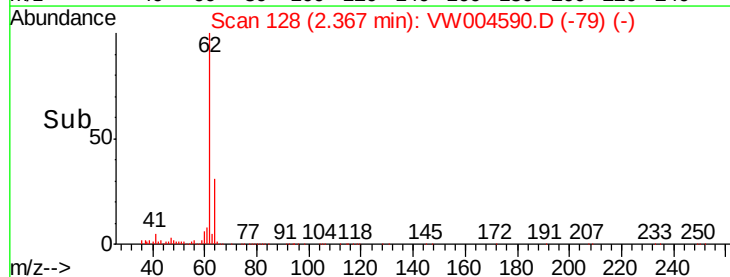
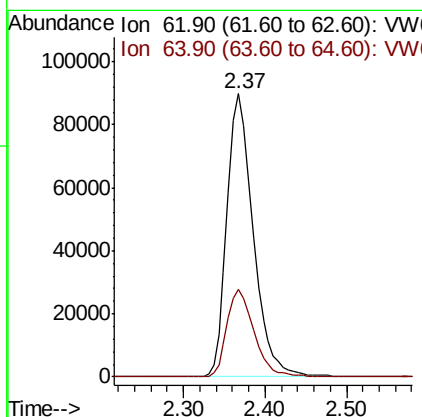
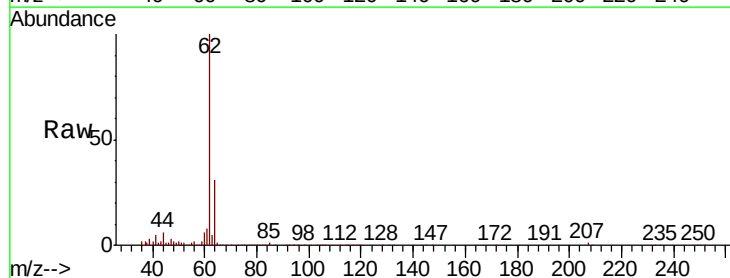
Acq: 10 Aug 2018 12:14

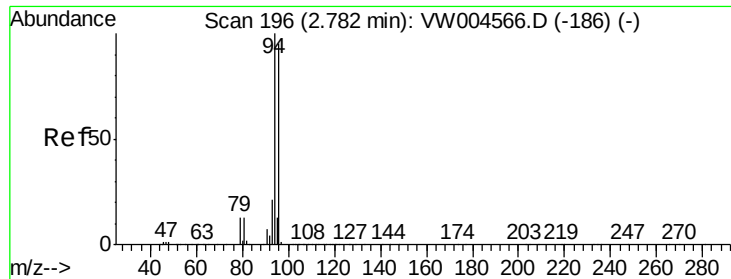
Tgt Ion: 62 Resp: 200812

Ion Ratio Lower Upper

62 100

64 31.1 26.2 39.2





#5

Bromomethane

Concen: 20.49 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.00 min

Lab File: VW004590.D

Acq: 10 Aug 2018 12:14

Instrument :

MSVOA_W

ClientSampleId :

VW0813SBSD01

Tot Ion: 94 Resp: 114709

Ion Ratio Lower Upper

94 100

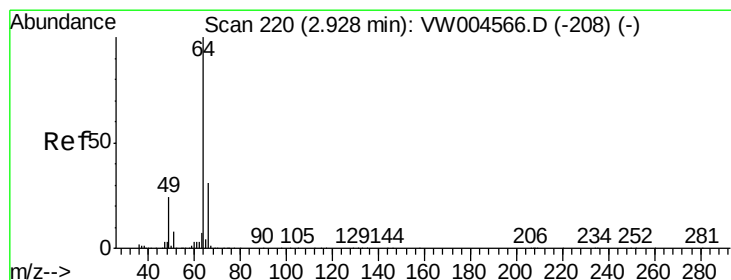
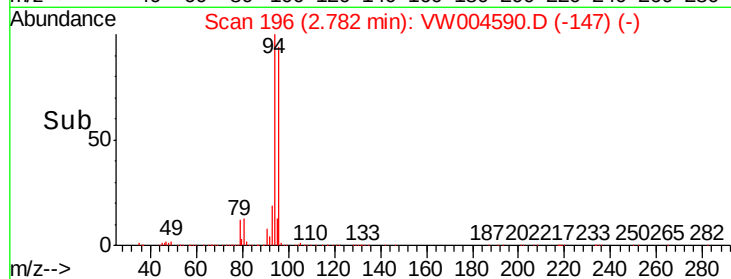
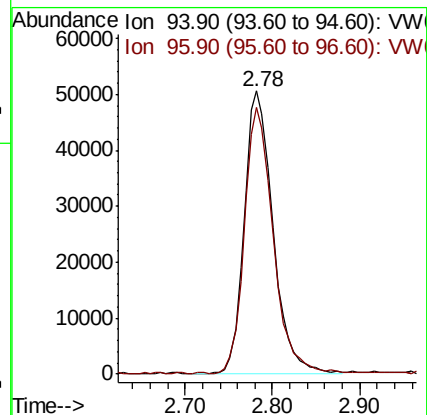
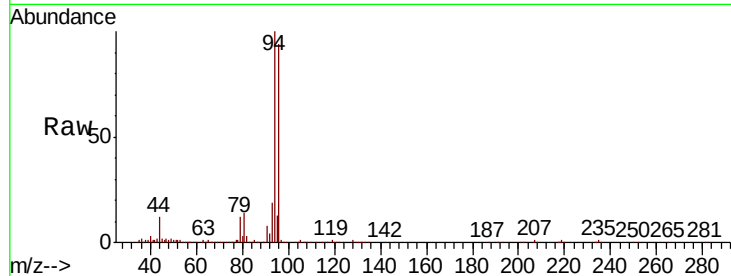
96 94.3 72.9 109.3

Manual Integrations

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#6

Chloroethane

Concen: 20.65 ug/l

RT: 2.93 min Scan# 220

Delta R.T. 0.01 min

Lab File: VW004590.D

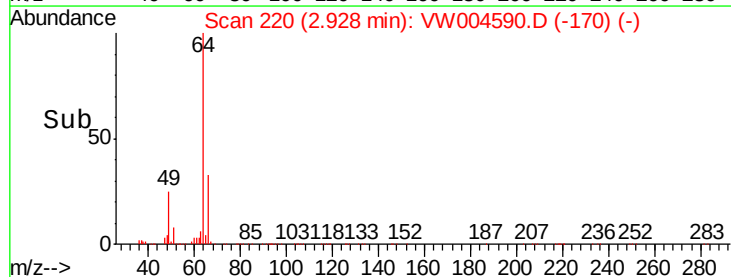
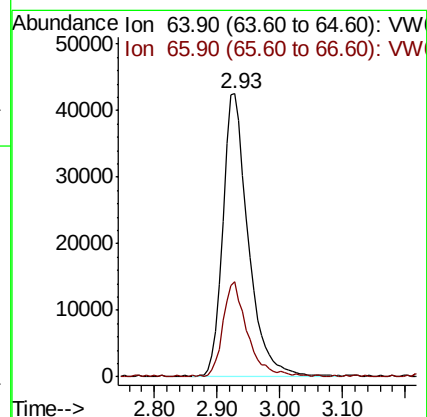
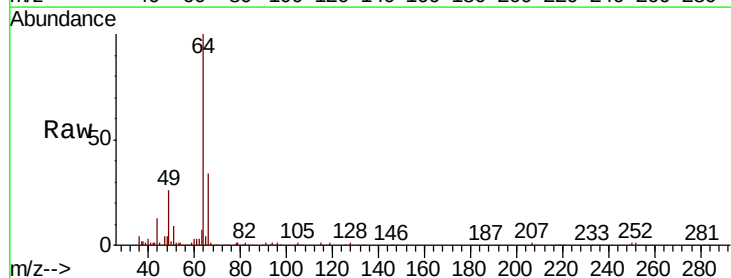
Acq: 10 Aug 2018 12:14

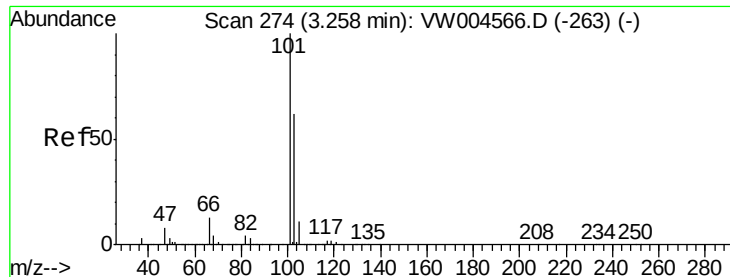
Tgt Ion: 64 Resp: 118625

Ion Ratio Lower Upper

64 100

66 33.3 24.6 36.8





#7

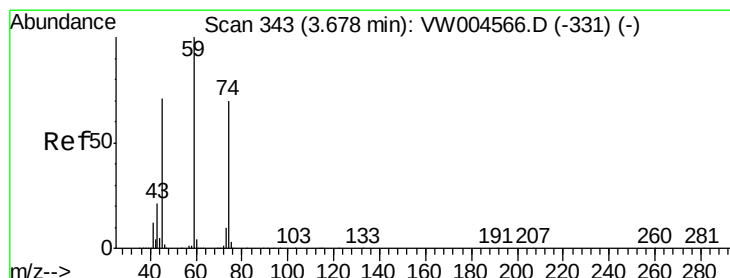
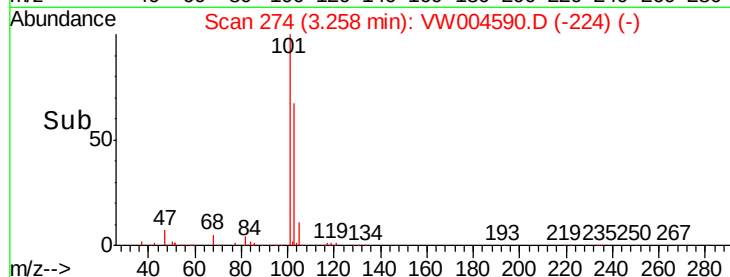
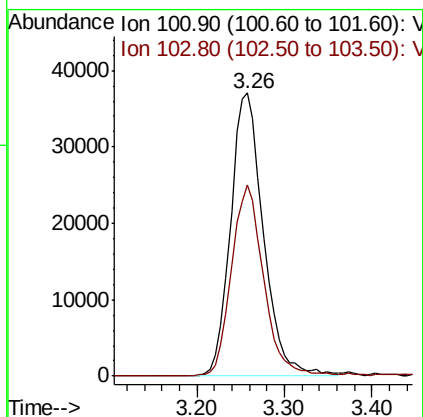
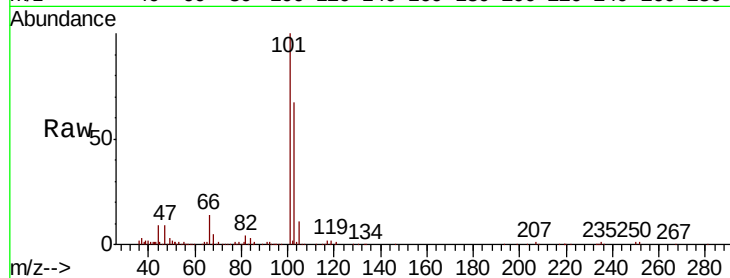
Trichlorofluoromethane
 Concen: 27.27 ug/l
 RT: 3.26 min Scan# 274
 Delta R.T. 0.01 min
 Lab File: VW004590.D
 Acq: 10 Aug 2018 12:14

Instrument :
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 ClientSampleId :
 VW0813SBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	67.0	49.8	74.8

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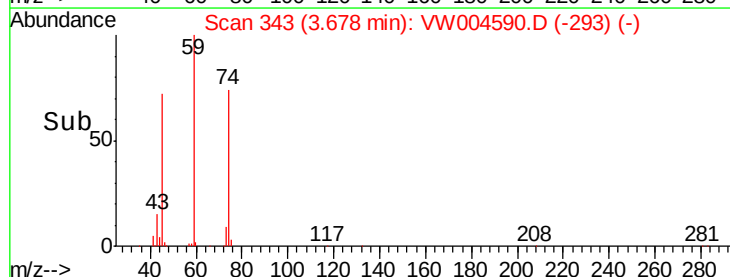
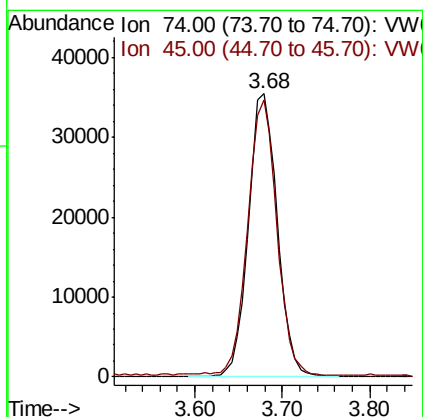
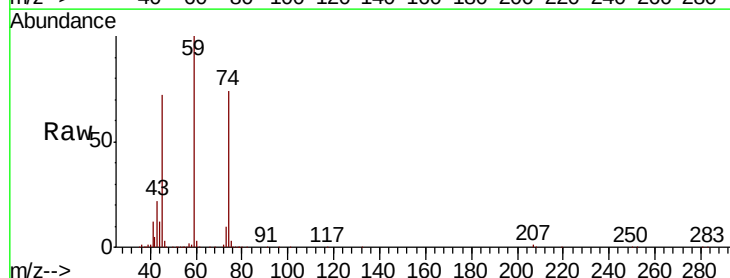
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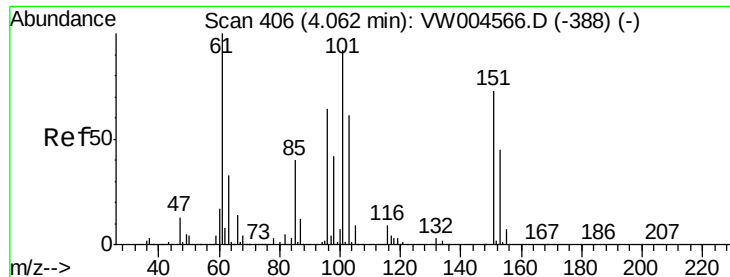


#8

Diethyl Ether
 Concen: 18.12 ug/l
 RT: 3.68 min Scan# 343
 Delta R.T. 0.01 min
 Lab File: VW004590.D
 Acq: 10 Aug 2018 12:14

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.3	51.2	153.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.44 ug/l

RT: 4.06 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW004590.D

Acq: 10 Aug 2018 12:14

Instrument :

MSVOA_W

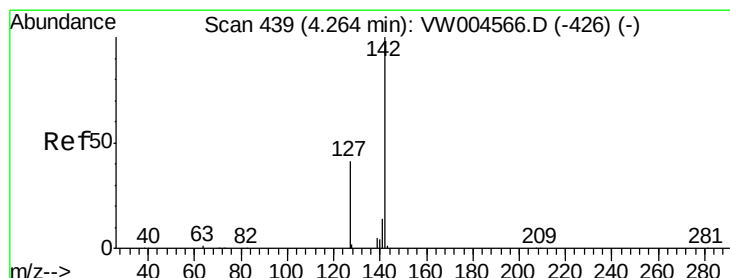
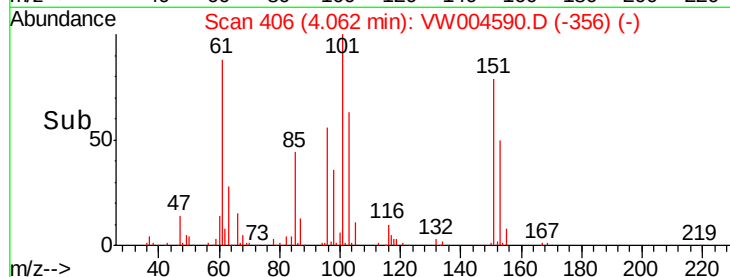
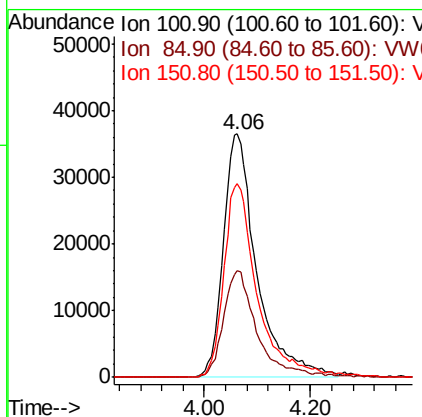
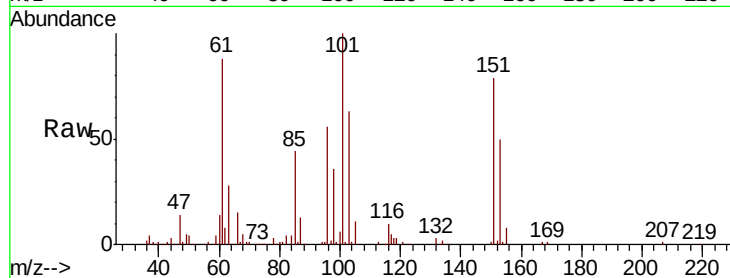
ClientSampleId :

VW0813SBSD01

Tot Ion:	101	Resp:	160360
Ion Ratio	Lower	Upper	
101	100		
85	43.1	34.6	51.8
151	78.4	61.3	91.9

Manual Integrations
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#10

Methyl Iodide

Concen: 19.80 ug/l

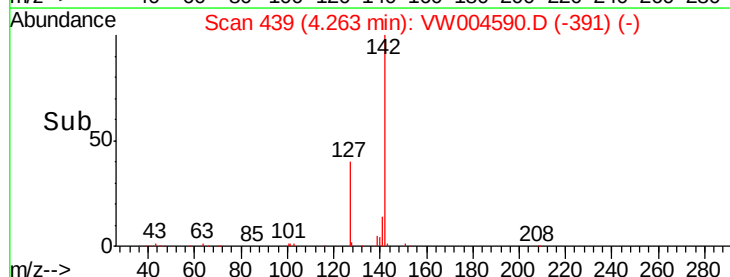
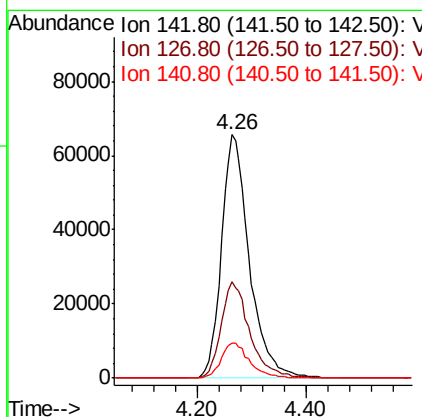
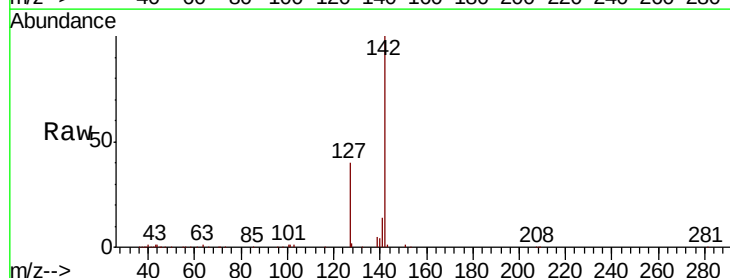
RT: 4.26 min Scan# 439

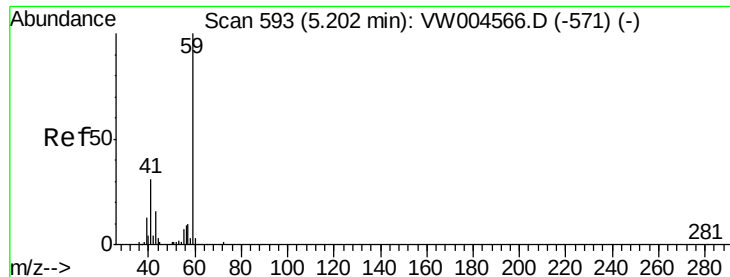
Delta R.T. -0.01 min

Lab File: VW004590.D

Acq: 10 Aug 2018 12:14

Tgt Ion:	142	Resp:	233072
Ion Ratio	Lower	Upper	
142	100		
127	40.6	32.7	49.1
141	14.7	11.5	17.3





#11

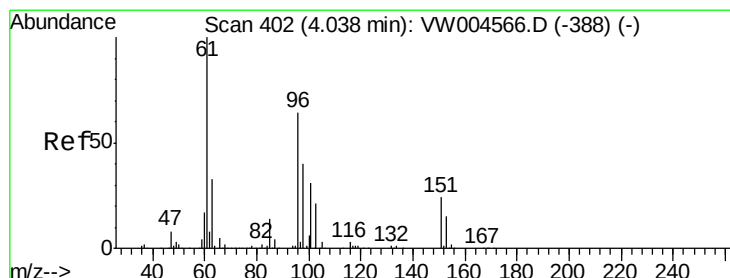
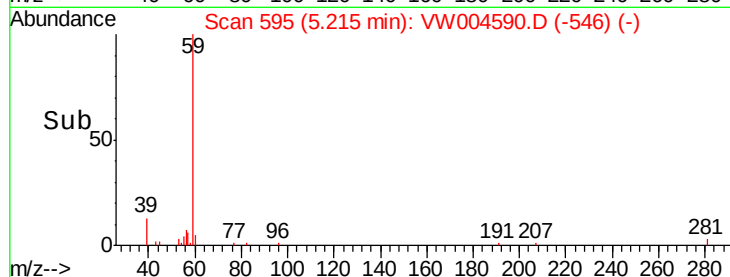
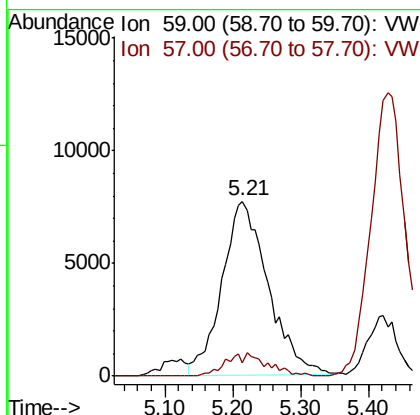
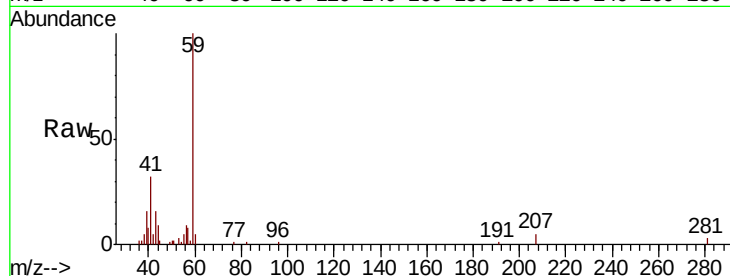
Tert butyl alcohol
 Concen: 78.04 ug/l
 RT: 5.21 min Scan# 595
 Delta R.T. 0.00 min
 Lab File: VW004590.D
 Acq: 10 Aug 2018 12:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0813SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	5.2	9.1	13.7#

Manual Integrations
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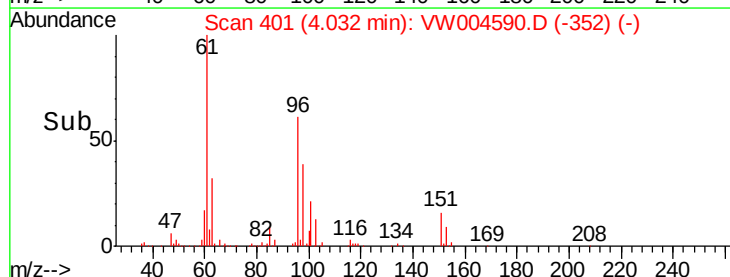
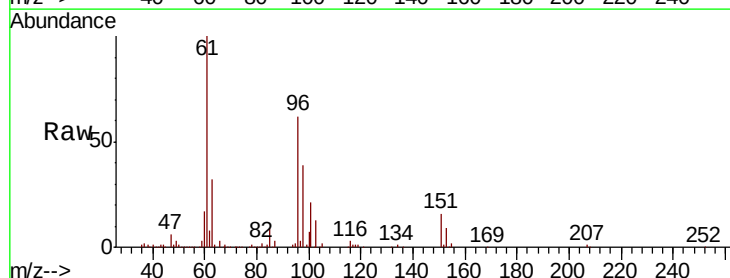
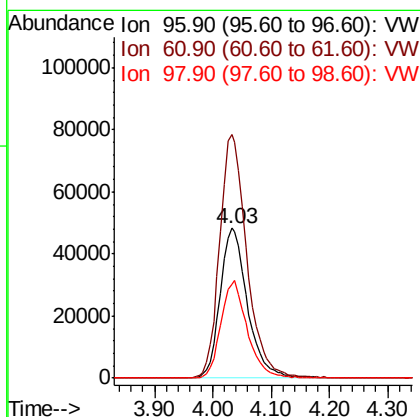
apatel
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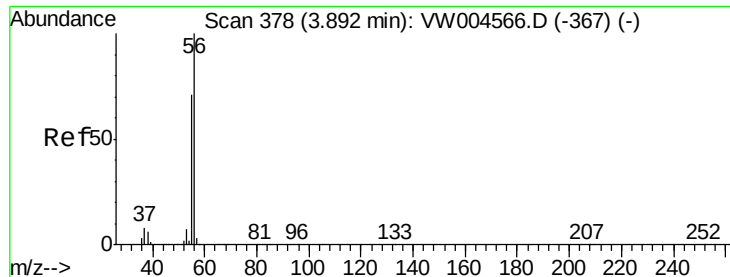


#12

1,1-Dichloroethene
 Concen: 19.81 ug/l
 RT: 4.03 min Scan# 401
 Delta R.T. 0.00 min
 Lab File: VW004590.D
 Acq: 10 Aug 2018 12:14

Tgt Ion	Ratio	Lower	Upper
96	100		
61	162.5	130.6	195.8
98	63.0	49.6	74.4





#13

Acrolein

Concen: 89.82 ug/l

RT: 3.90 min Scan# 379

Delta R.T. 0.01 min

Lab File: VW004590.D

Acq: 10 Aug 2018 12:14

Instrument :

MSVOA_W

ClientSampleId :

VW0813SBSD01

Tot Ion: 56 Resp: 51354

Ion Ratio Lower Upper

56 100

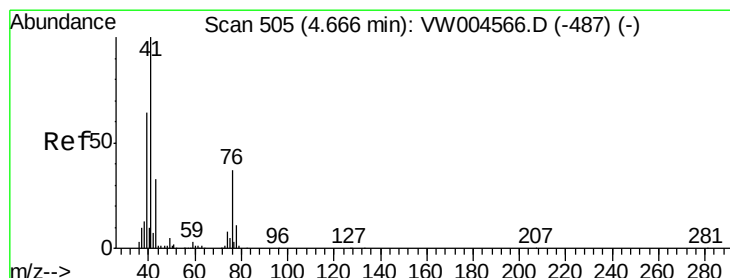
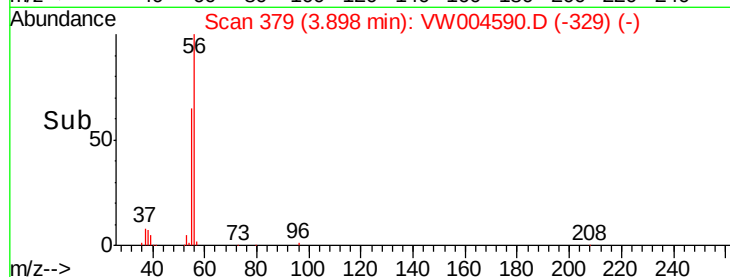
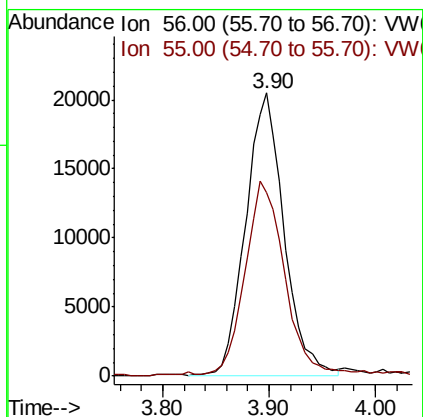
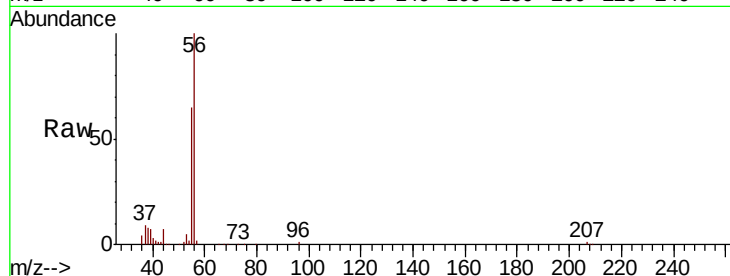
55 71.3 56.7 85.1

Manual Integrations

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#14

Allyl chloride

Concen: 19.89 ug/l

RT: 4.67 min Scan# 505

Delta R.T. 0.01 min

Lab File: VW004590.D

Acq: 10 Aug 2018 12:14

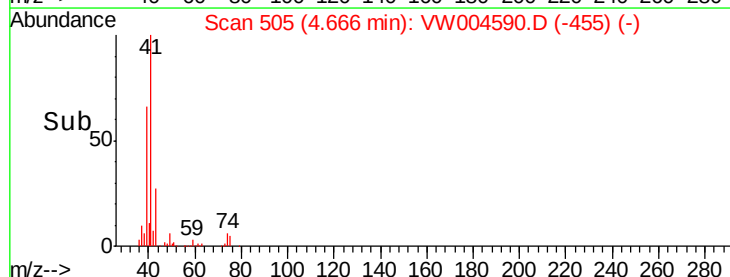
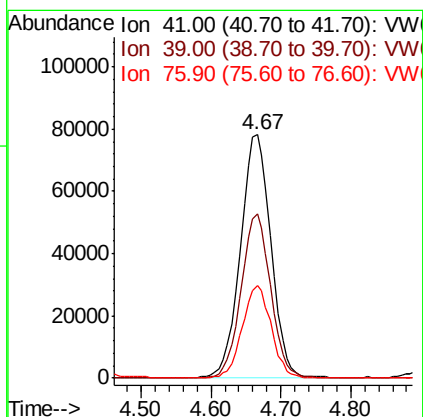
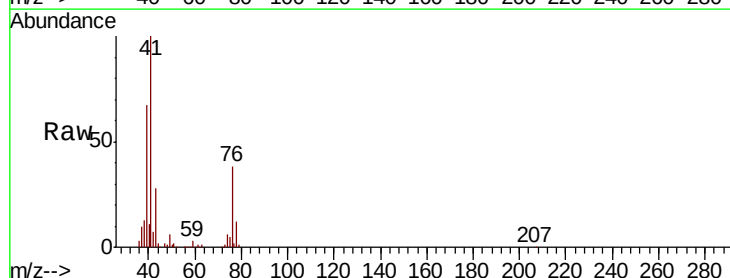
Tgt Ion: 41 Resp: 235978

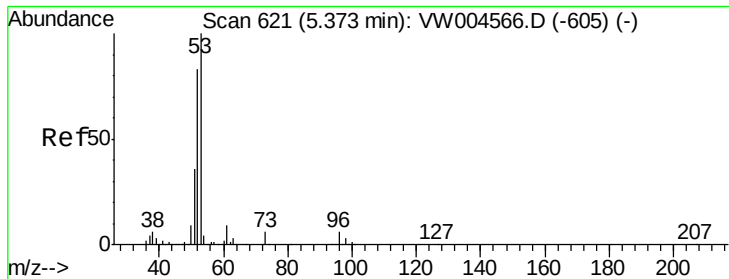
Ion Ratio Lower Upper

41 100

39 65.7 51.9 77.9

76 36.3 29.0 43.6





#15

Acrylonitrile

Concen: 80.42 ug/l

RT: 5.37 min Scan# 621

Delta R.T. 0.00 min

Lab File: VW004590.D

Acq: 10 Aug 2018 12:14

Instrument :

MSVOA_W

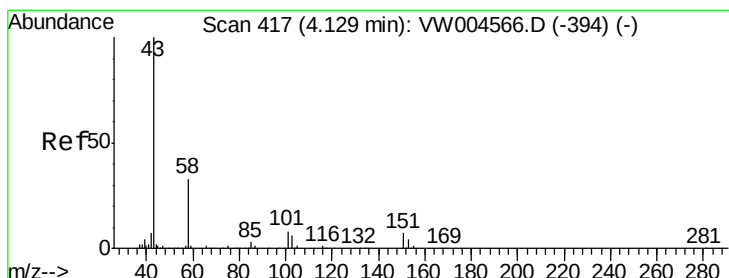
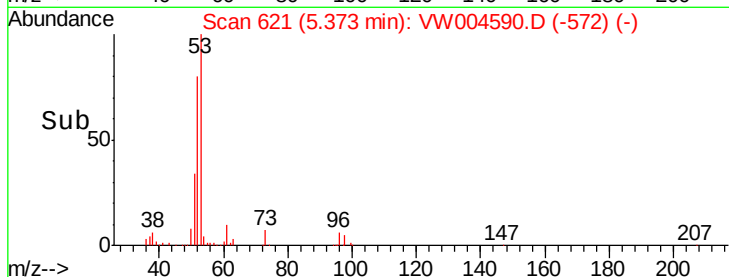
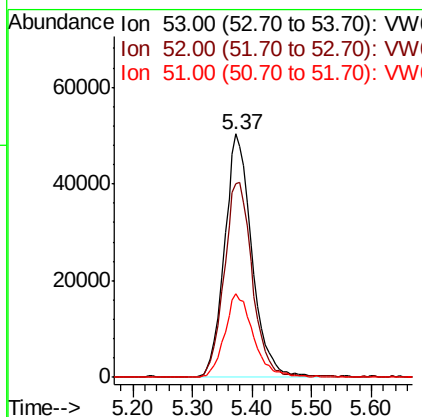
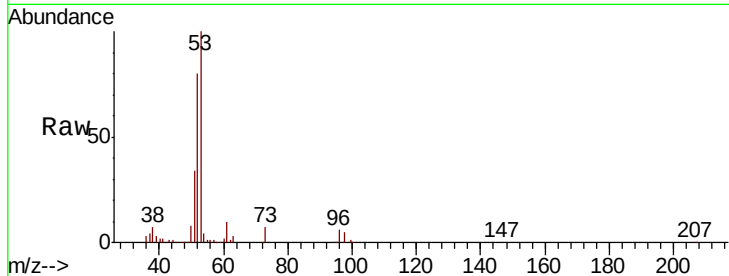
ClientSampleId :

VW0813SBS01

Tot Ion:	53	Resp:	160565
Ion Ratio		Lower	Upper
53	100		
52	82.2	66.5	99.7
51	35.8	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 95.81 ug/l

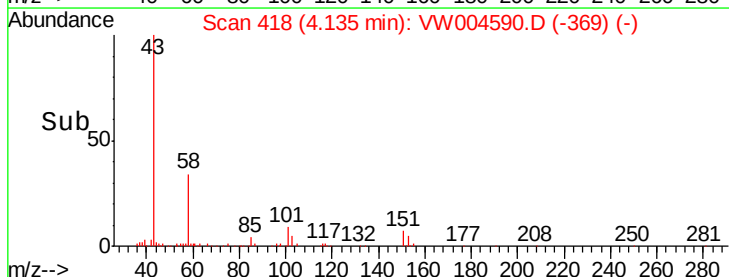
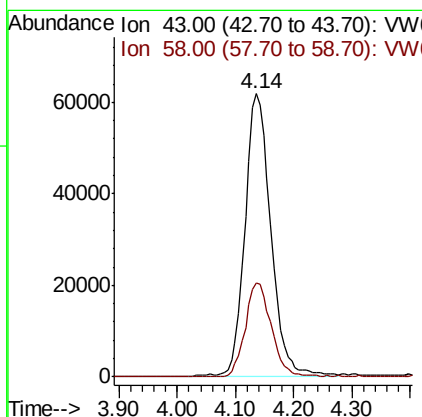
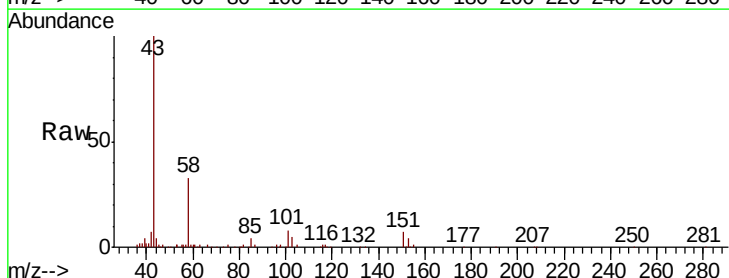
RT: 4.14 min Scan# 418

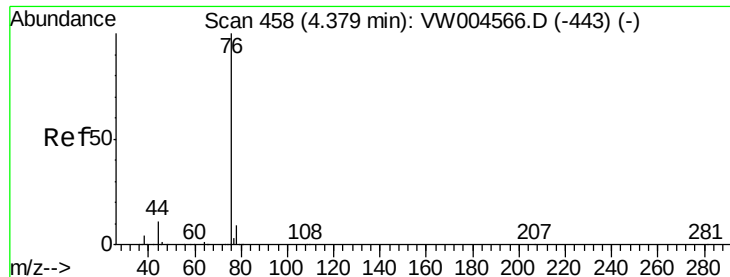
Delta R.T. 0.00 min

Lab File: VW004590.D

Acq: 10 Aug 2018 12:14

Tgt Ion:	43	Resp:	190689
Ion Ratio		Lower	Upper
43	100		
58	33.1	26.8	40.2





#17

Carbon Disulfide

Concen: 20.35 ug/l

RT: 4.37 min Scan# 457

Delta R.T. -0.01 min

Lab File: VW004590.D

Acq: 10 Aug 2018 12:14

Instrument :

MSVOA_W

ClientSampleId :

VW0813SBSD01

Tot Ion: 76 Resp: 516303

Ion Ratio Lower Upper

76 100

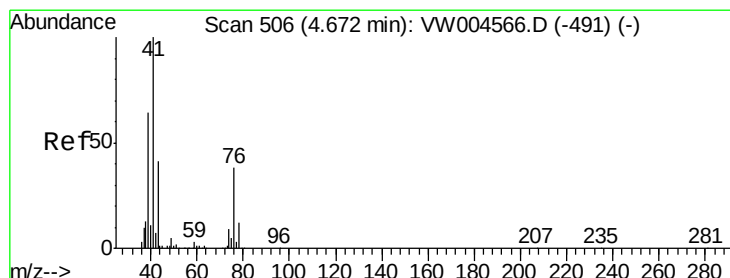
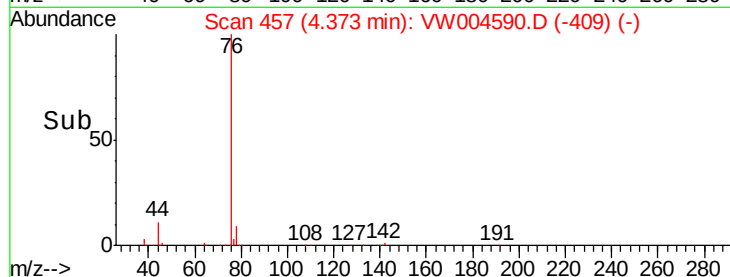
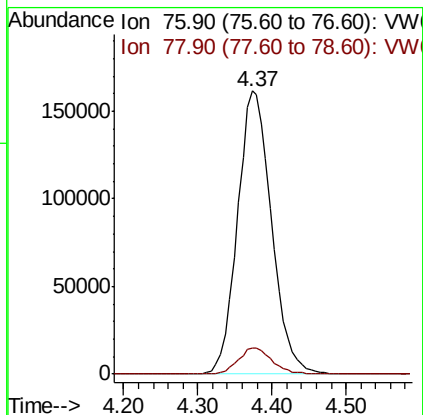
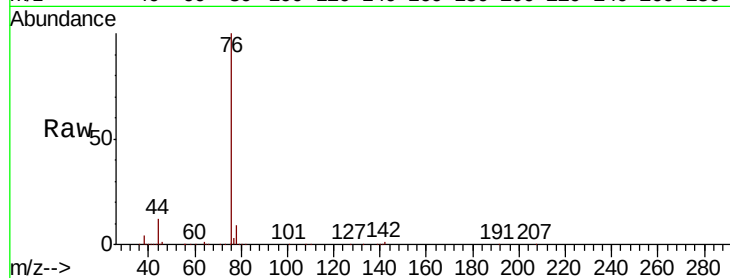
78 9.4 7.0 10.4

Manual Integrations

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#18

Methyl Acetate

Concen: 14.82 ug/l

RT: 4.68 min Scan# 507

Delta R.T. 0.01 min

Lab File: VW004590.D

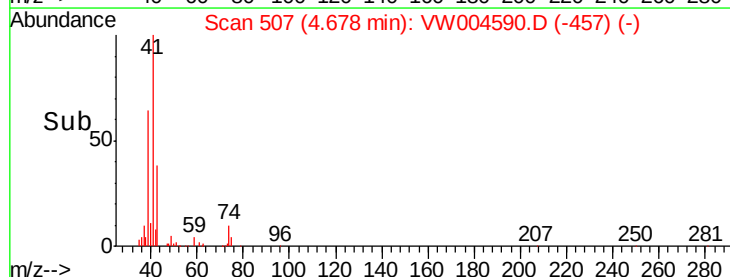
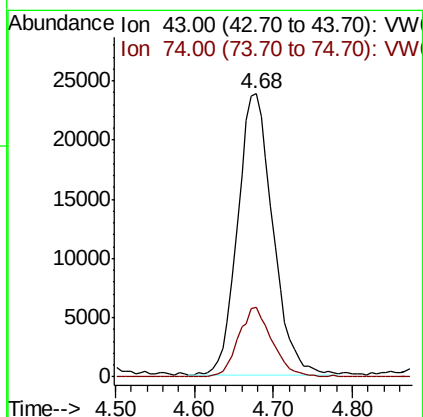
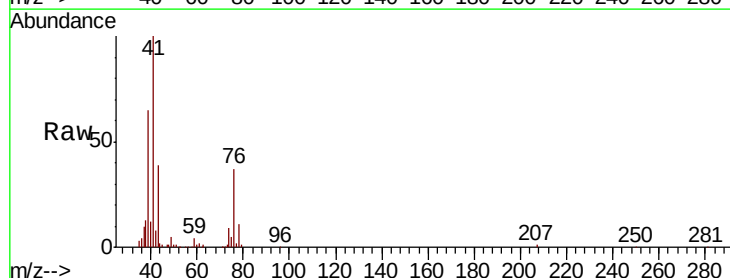
Acq: 10 Aug 2018 12:14

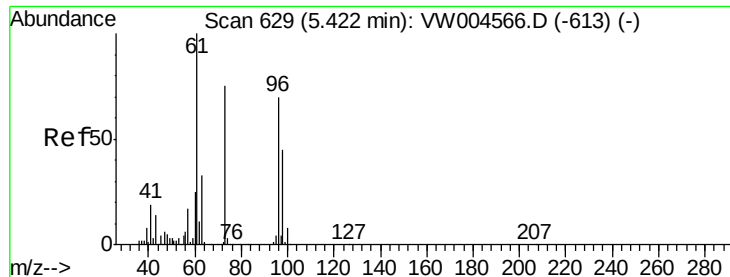
Tgt Ion: 43 Resp: 73554

Ion Ratio Lower Upper

43 100

74 23.6 19.1 28.7





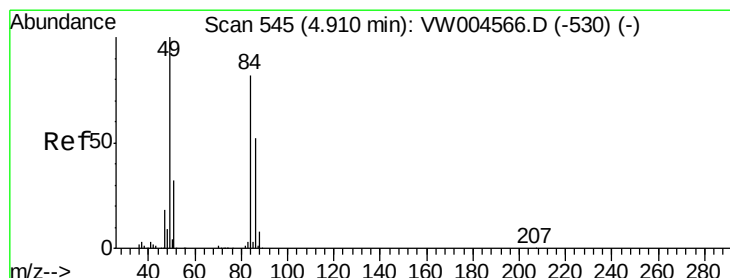
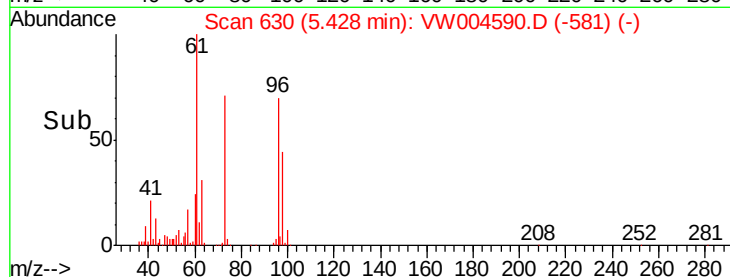
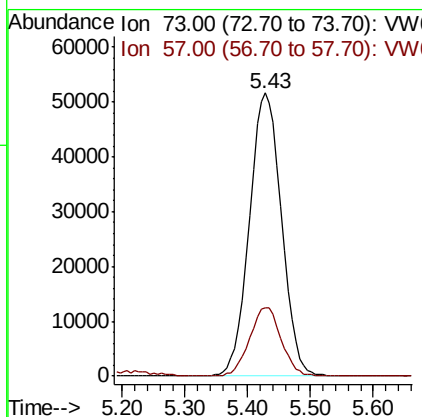
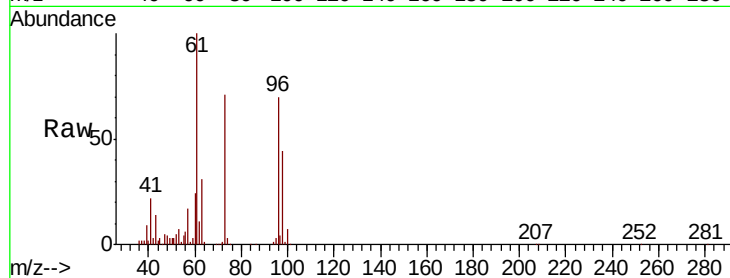
#19
Methyl tert-butyl Ether
Concen: 16.99 ug/l
RT: 5.43 min Scan# 630
Delta R.T. 0.00 min
Lab File: VW004590.D
Acq: 10 Aug 2018 12:14

Instrument :
MSVOA_W
ClientSampleId :
VW0813SBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	24.3	19.6	29.4

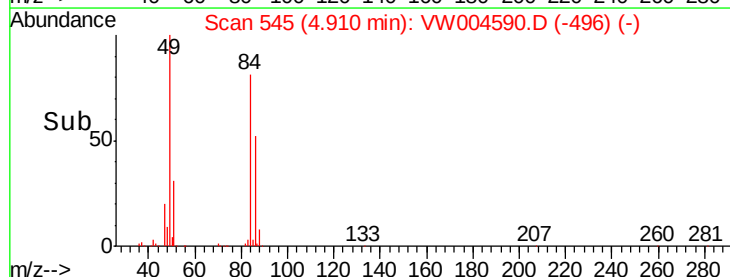
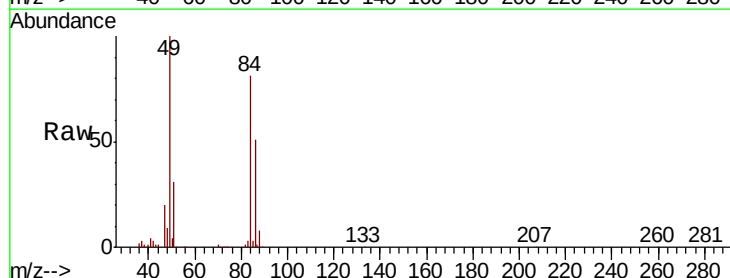
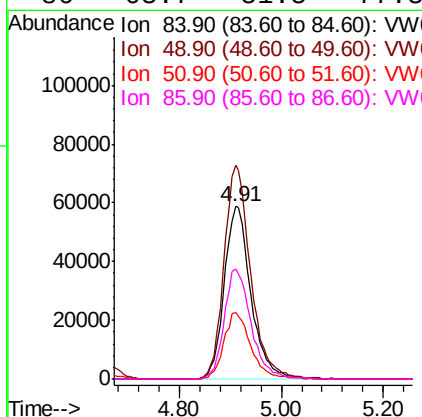
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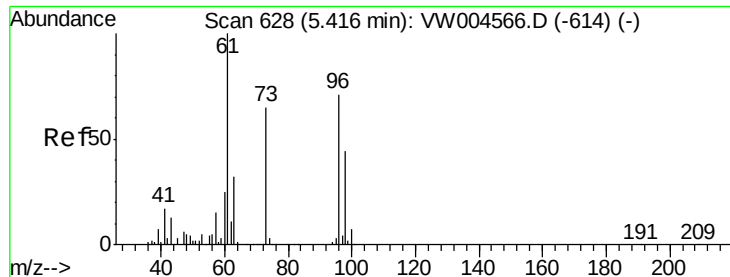
apatel
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#20
Methylene Chloride
Concen: 15.89 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW004590.D
Acq: 10 Aug 2018 12:14

Tgt Ion	Ratio	Lower	Upper
84	100		
49	123.8	99.6	149.4
51	38.7	31.0	46.4
86	63.7	51.5	77.3





#21

trans-1,2-Dichloroethene

Concen: 19.35 ug/l

RT: 5.42 min Scan# 629

Delta R.T. 0.01 min

Lab File: VW004590.D

Acq: 10 Aug 2018 12:14

Instrument :

MSVOA_W

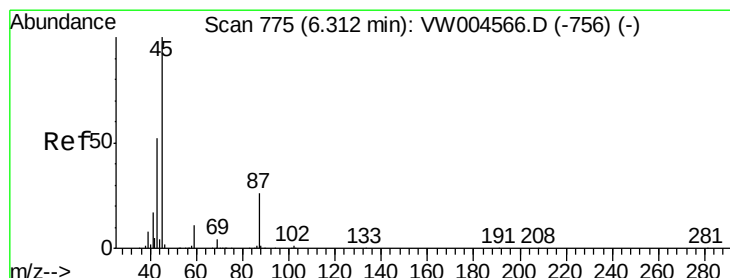
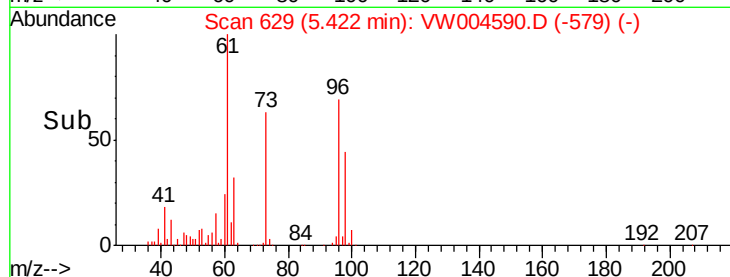
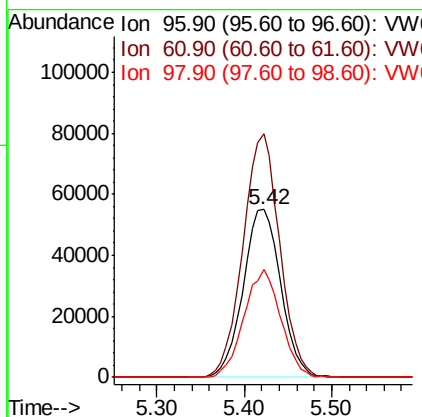
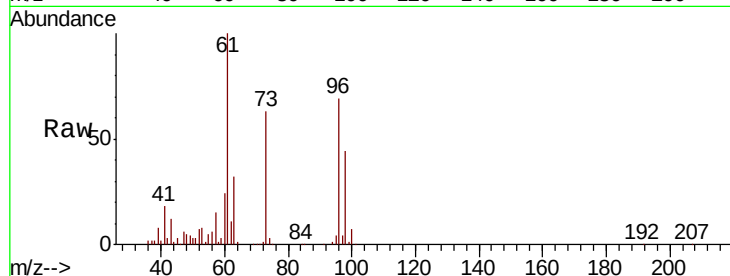
ClientSampleID :

VW0813SBSD01

Tot Ion:	96	Resp:	164681
Ion	Ratio	Lower	Upper
96	100		
61	145.1	114.1	171.1
98	64.1	51.4	77.2

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#22

Diisopropyl ether

Concen: 19.55 ug/l

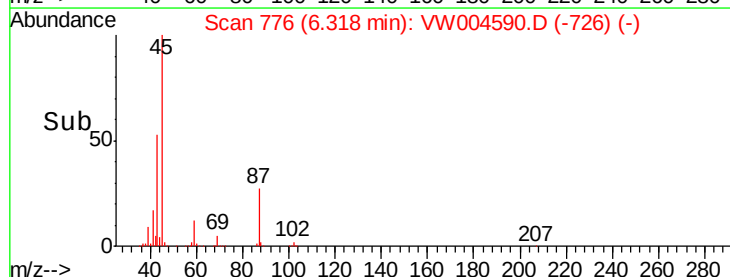
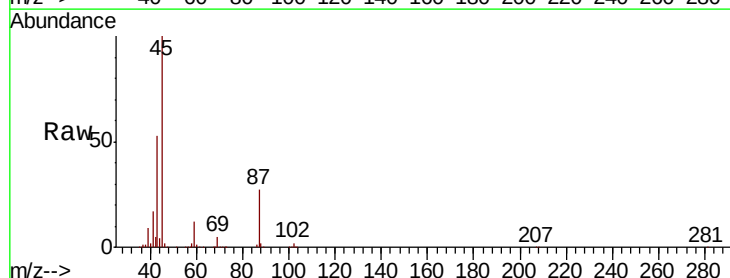
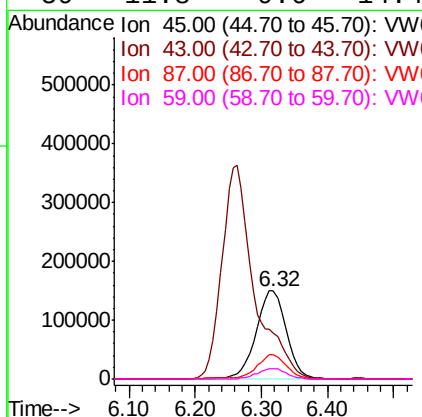
RT: 6.32 min Scan# 776

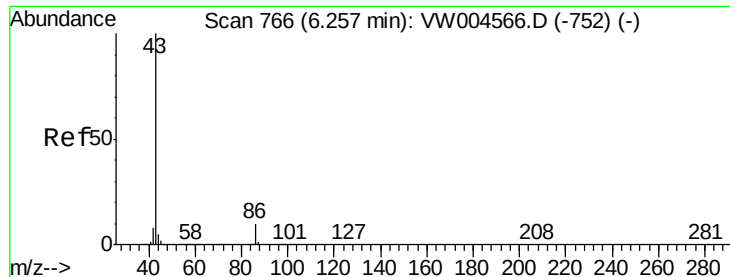
Delta R.T. 0.01 min

Lab File: VW004590.D

Acq: 10 Aug 2018 12:14

Tgt Ion:	45	Resp:	476538
Ion	Ratio	Lower	Upper
45	100		
43	52.6	42.4	63.6
87	26.9	21.6	32.4
59	11.8	9.6	14.4





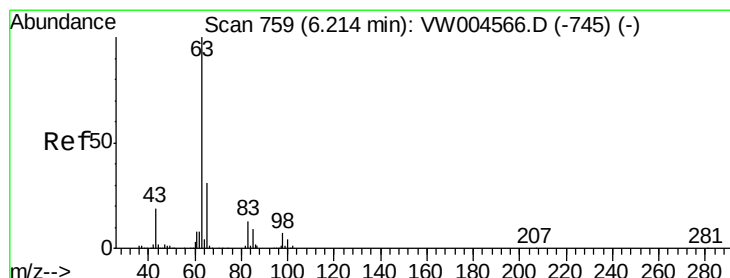
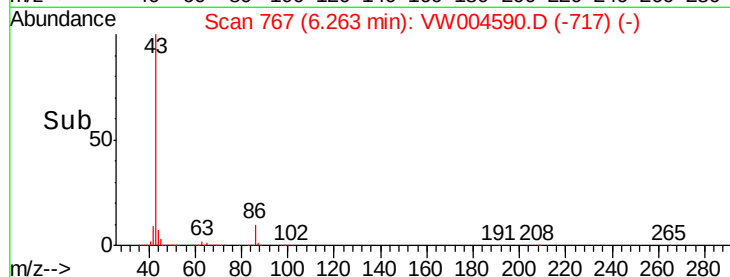
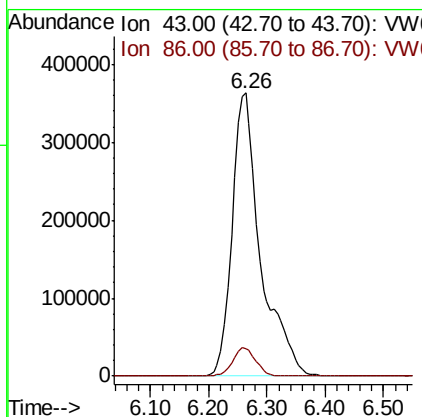
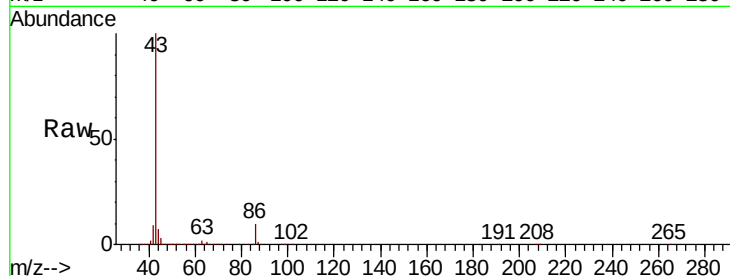
#23
 Vinyl Acetate
 Concen: 84.18 ug/l
 RT: 6.26 min Scan# 767
 Delta R.T. 0.01 min
 Lab File: VW004590.D
 Acq: 10 Aug 2018 12:14

Instrument :
 MSVOA_W
 ClientSampleID :
 VW0813SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
86	9.8	7.9	11.9

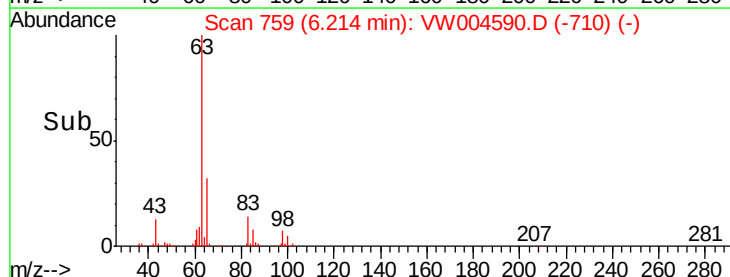
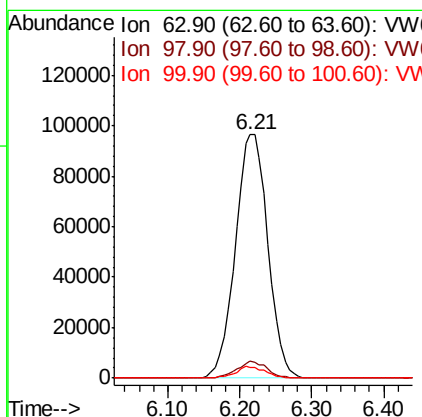
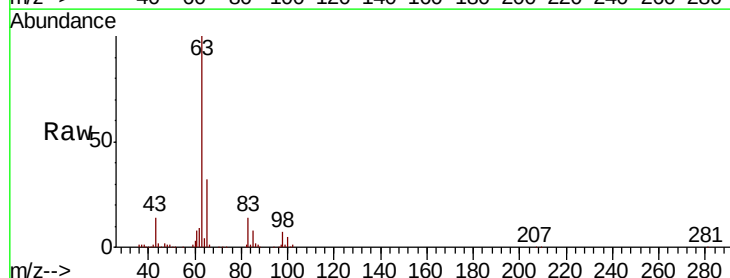
Manual Integrations
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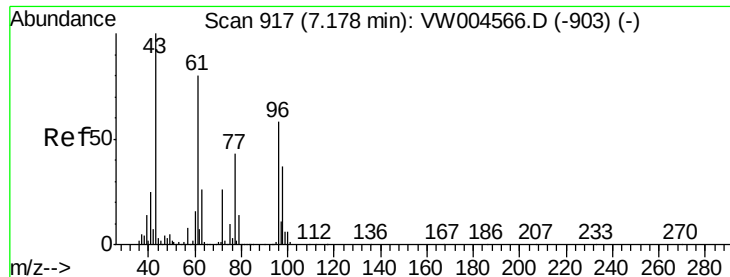
apatel
 8/13/2018 12:57:14 PM



#24
 1,1-Dichloroethane
 Concen: 19.28 ug/l
 RT: 6.21 min Scan# 759
 Delta R.T. 0.00 min
 Lab File: VW004590.D
 Acq: 10 Aug 2018 12:14

Tgt Ion	Ratio	Lower	Upper
63	100		
98	6.9	3.1	9.3
100	4.6	2.1	6.5





#25

2-Butanone

Concen: 77.87 ug/l

RT: 7.18 min Scan# 918

Delta R.T. 0.00 min

Lab File: VW004590.D

Acq: 10 Aug 2018 12:14

Instrument :

MSVOA_W

ClientSampleId :

VW0813SBS01

Tot Ion: 43 Resp: 249295

Ion Ratio Lower Upper

43 100

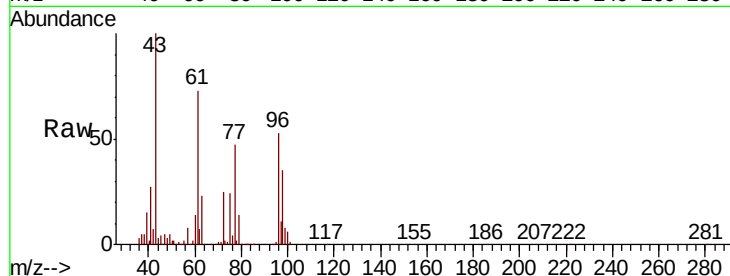
72 25.2 21.0 31.6

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

7.18

100000

80000

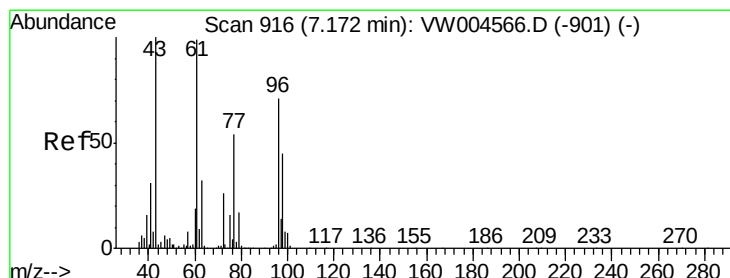
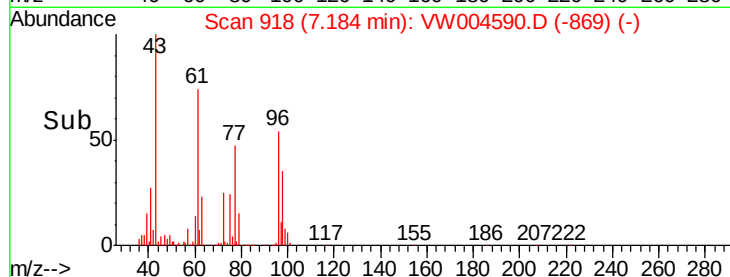
60000

40000

20000

0

Time-->



#26

2,2-Dichloropropane

Concen: 21.77 ug/l

RT: 7.17 min Scan# 916

Delta R.T. 0.01 min

Lab File: VW004590.D

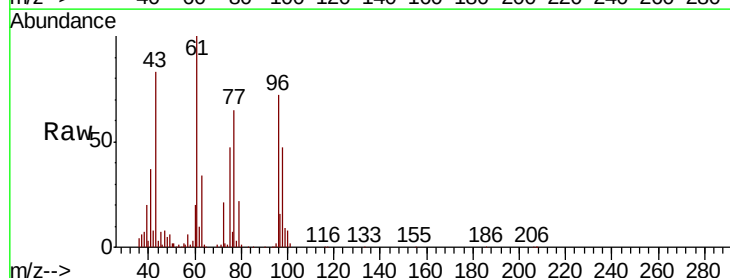
Acq: 10 Aug 2018 12:14

Tgt Ion: 77 Resp: 178288

Ion Ratio Lower Upper

77 100

97 23.2 12.5 37.5



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW

7.17

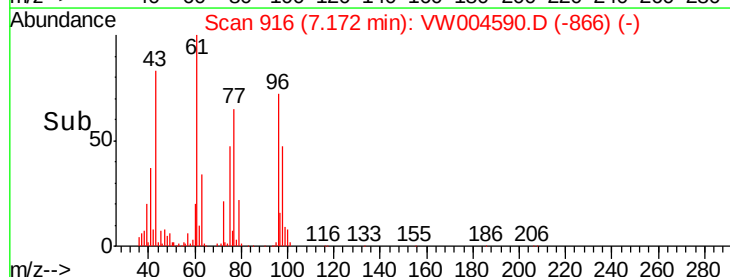
60000

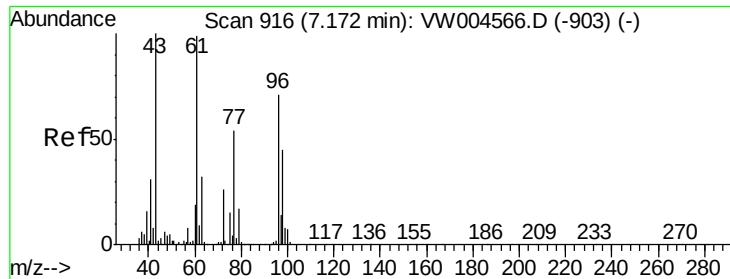
40000

20000

0

Time-->





#27

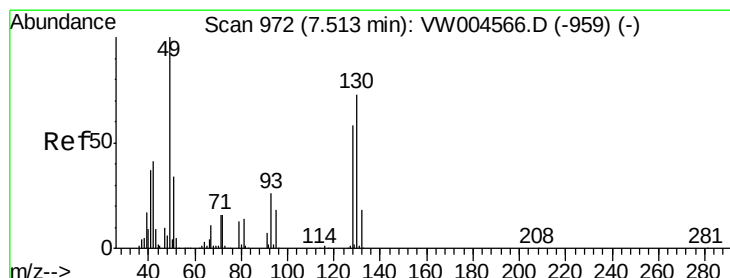
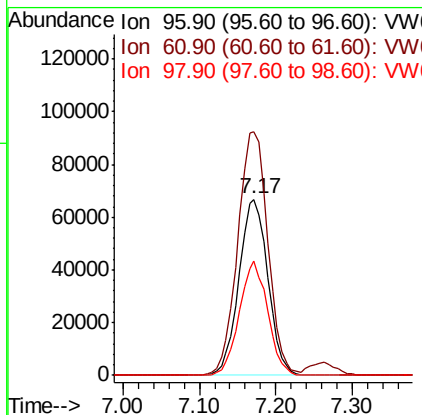
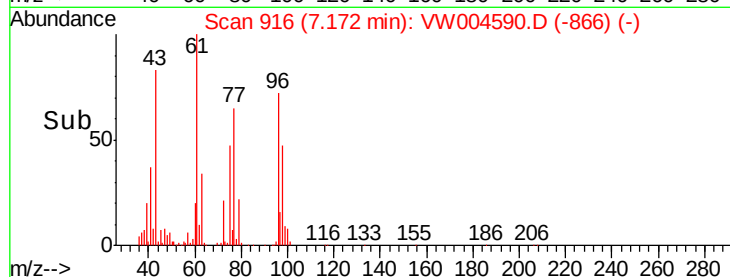
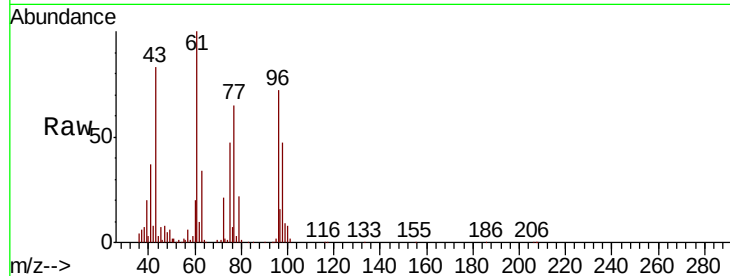
cis-1,2-Dichloroethene
 Concen: 19.21 ug/l
 RT: 7.17 min Scan# 916
 Delta R.T. 0.01 min
 Lab File: VW004590.D
 Acq: 10 Aug 2018 12:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0813SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	175886		
61	143.7	0.0	285.0	
98	63.3	0.0	128.6	

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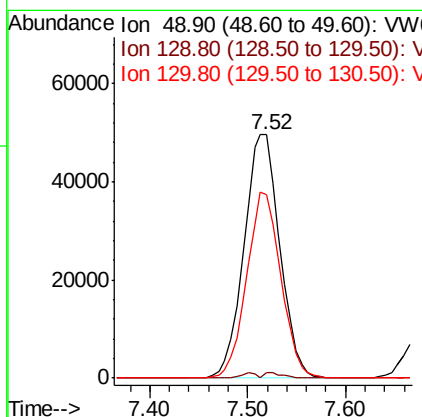
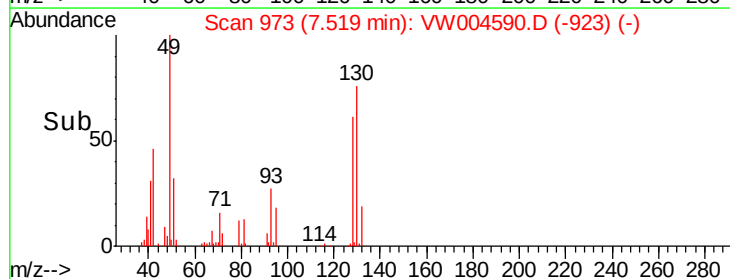
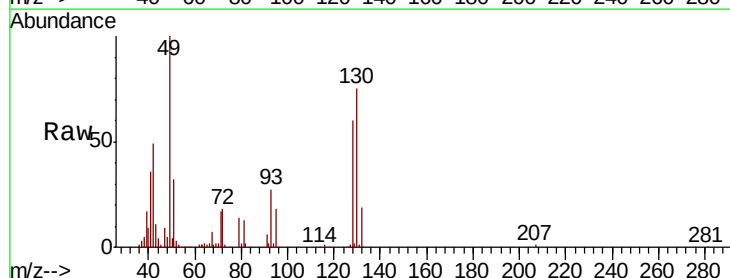
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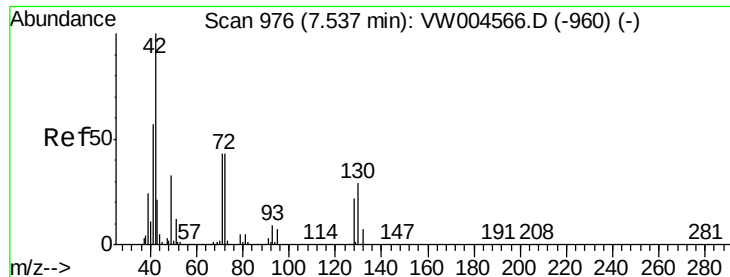


#28

Bromochloromethane
 Concen: 18.53 ug/l
 RT: 7.52 min Scan# 973
 Delta R.T. 0.01 min
 Lab File: VW004590.D
 Acq: 10 Aug 2018 12:14

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	125816		
129	1.0	0.0	4.0	
130	73.1	58.8	88.2	





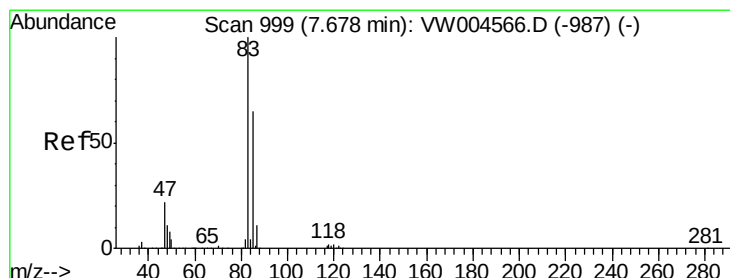
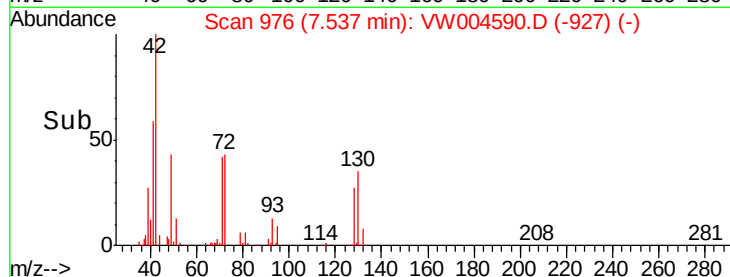
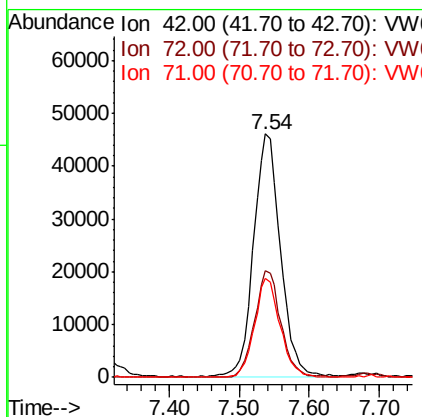
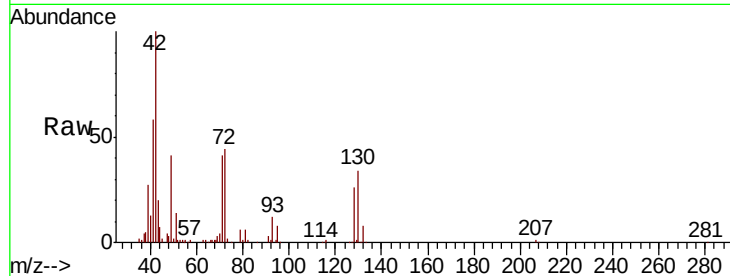
#29
Tetrahydrofuran
Concen: 73.97 ug/l
RT: 7.54 min Scan# 976
Delta R.T. 0.00 min
Lab File: VW004590.D
Acq: 10 Aug 2018 12:14

Instrument :
MSVOA_W
ClientSampleId :
VW0813SBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.9	34.1	51.1
71	39.0	32.5	48.7

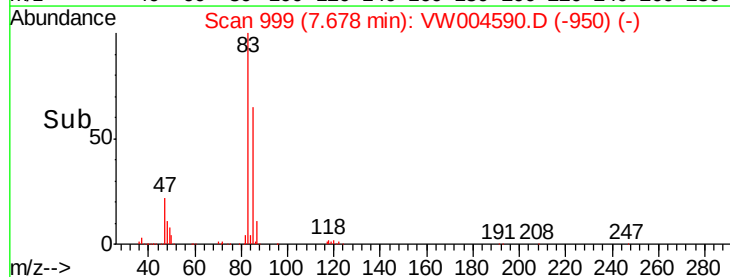
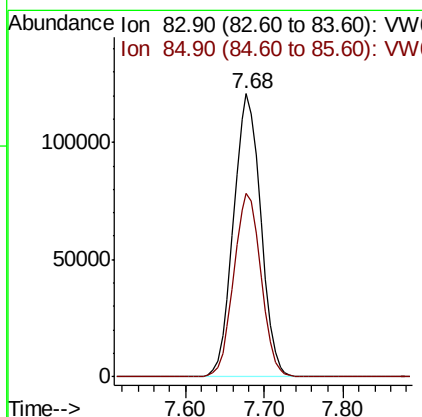
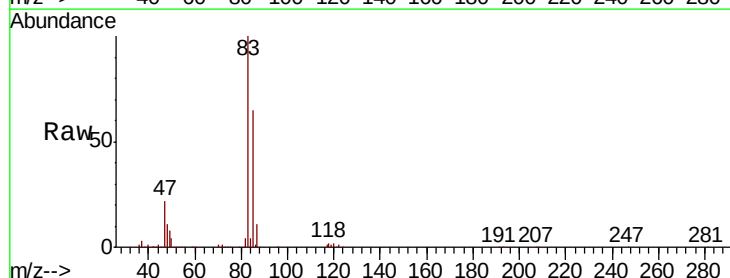
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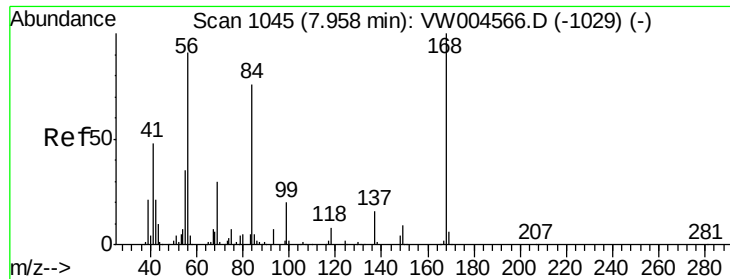
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#30
Chloroform
Concen: 18.95 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW004590.D
Acq: 10 Aug 2018 12:14

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.7	51.3	76.9





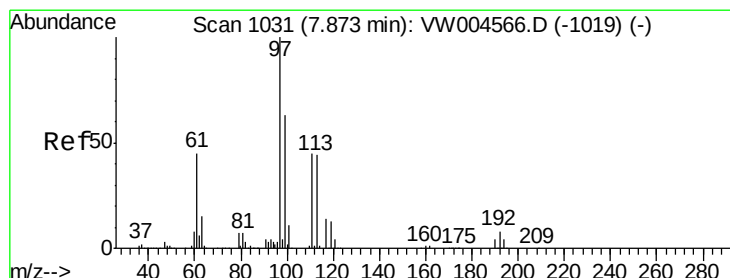
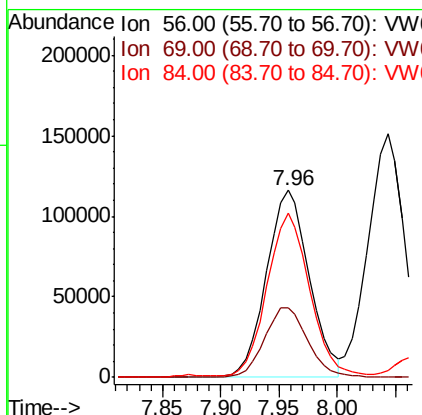
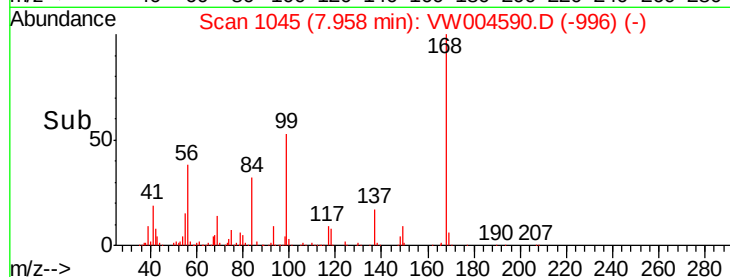
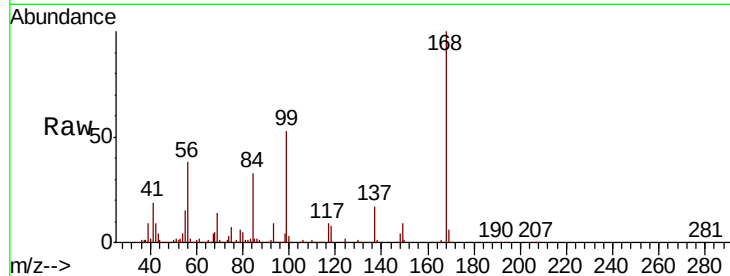
#31
Cyclohexane
Concen: 19.87 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. 0.00 min
Lab File: VW004590.D
Acq: 10 Aug 2018 12:14

Instrument :
MSVOA_W
ClientSampleId :
VW0813SBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	37.4	26.4	39.6
84	86.2	66.9	100.3

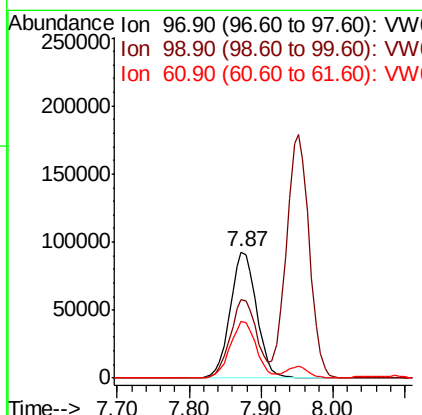
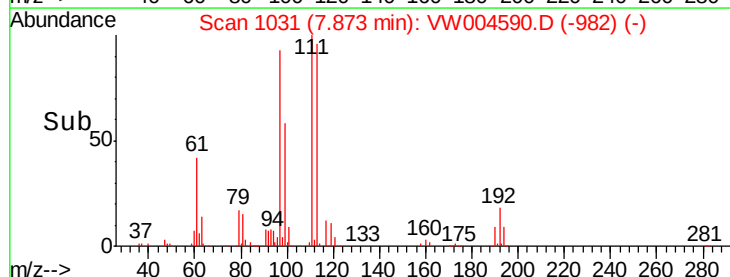
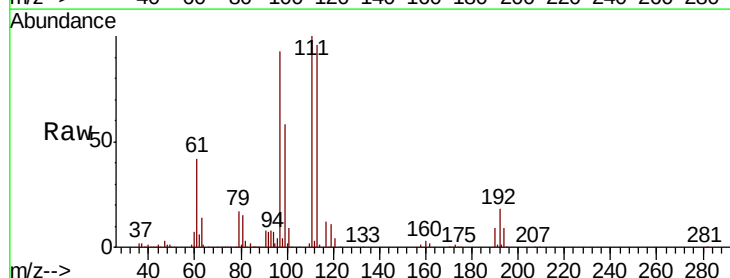
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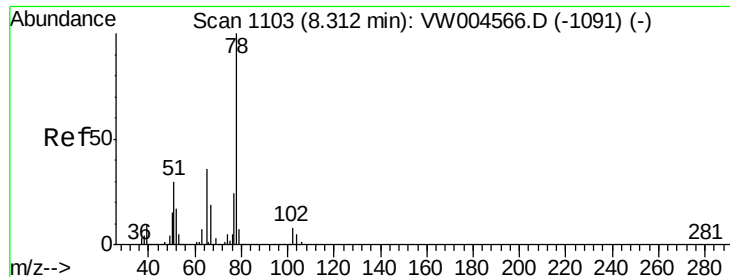
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#32
1,1,1-Trichloroethane
Concen: 20.43 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VW004590.D
Acq: 10 Aug 2018 12:14

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.1	51.6	77.4
61	44.9	35.7	53.5





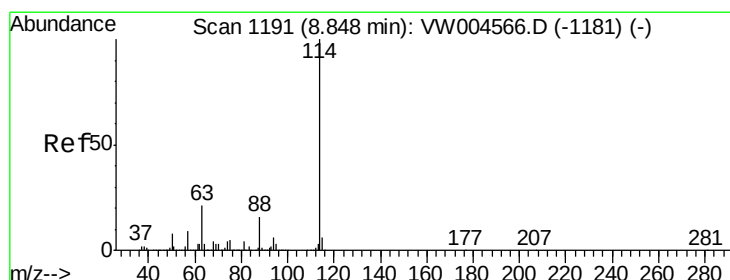
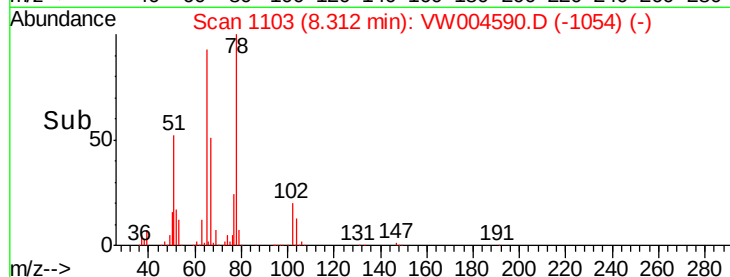
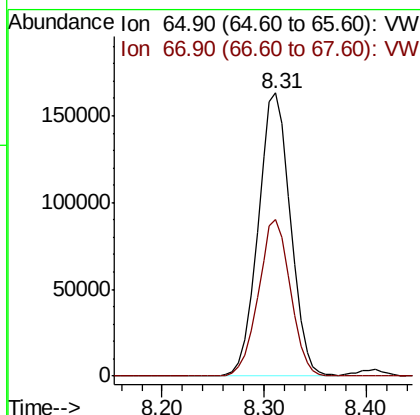
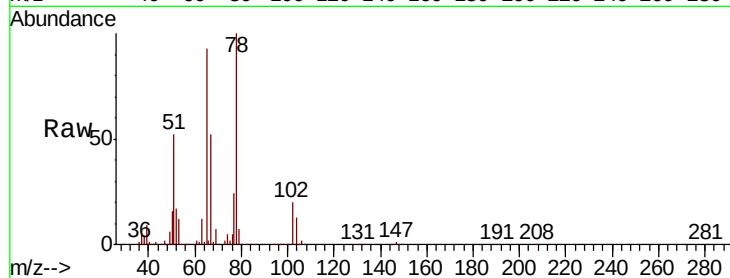
#33
 1,2-Dichloroethane-d4
 Concen: 44.93 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW004590.D
 Acq: 10 Aug 2018 12:14

Instrument :
 MSVOA_W
 ClientSampled :
 VW0813SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	55.1	0.0	109.0	

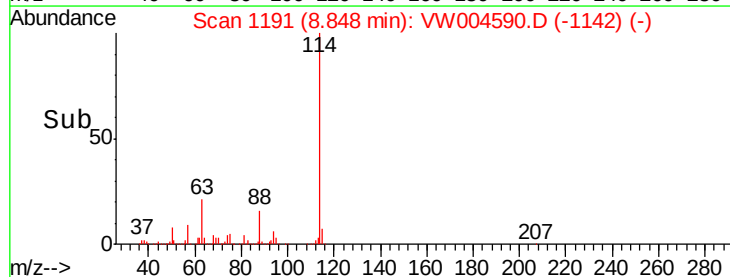
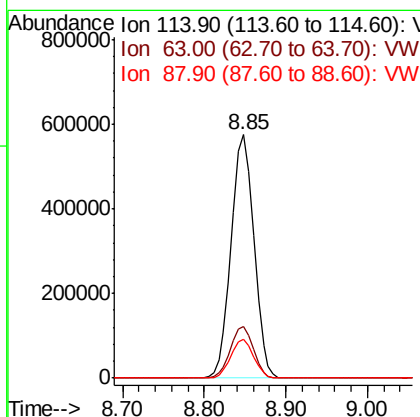
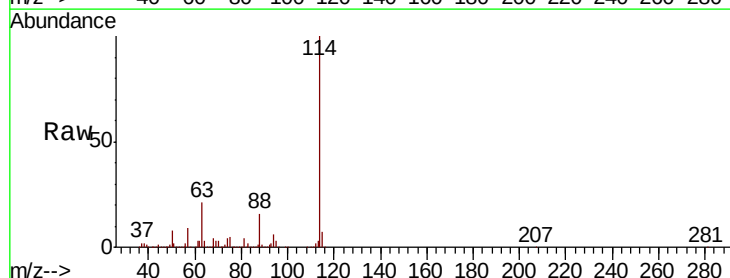
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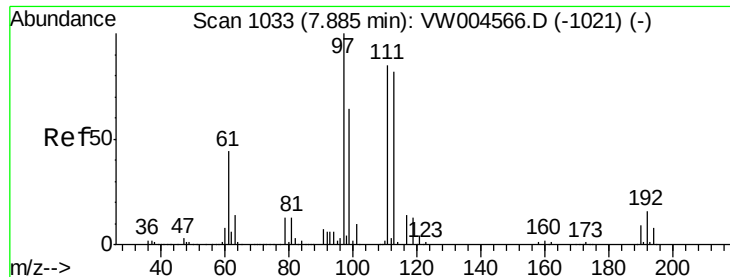
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004590.D
 Acq: 10 Aug 2018 12:14

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	21.4	0.0	42.4	
88	15.8	0.0	31.2	





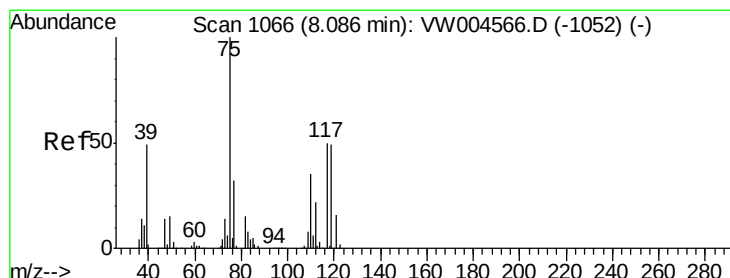
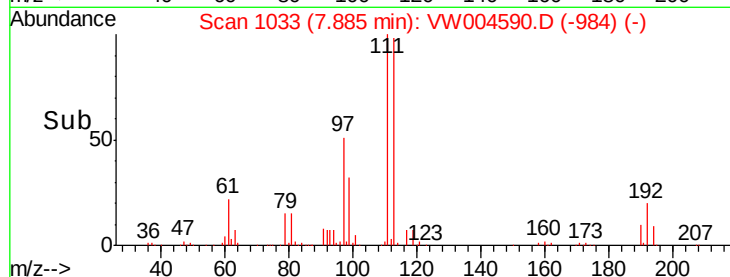
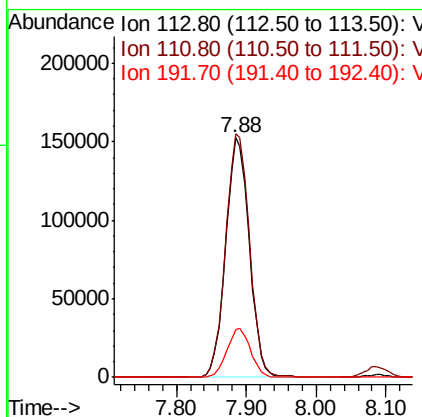
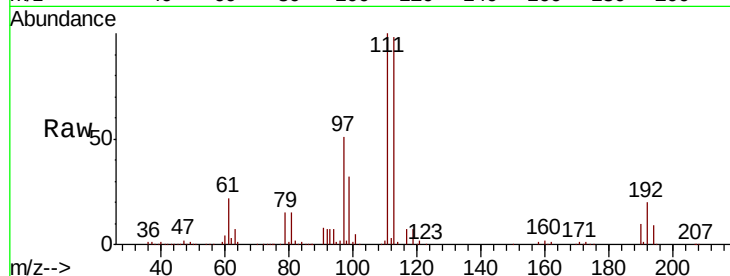
#35
 Dibromofluoromethane
 Concen: 48.45 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW004590.D
 Acq: 10 Aug 2018 12:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0813SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	357394		
111	102.8	82.9	124.3	
192	20.3	15.8	23.6	

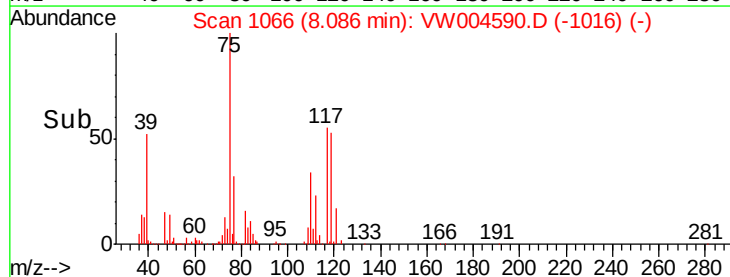
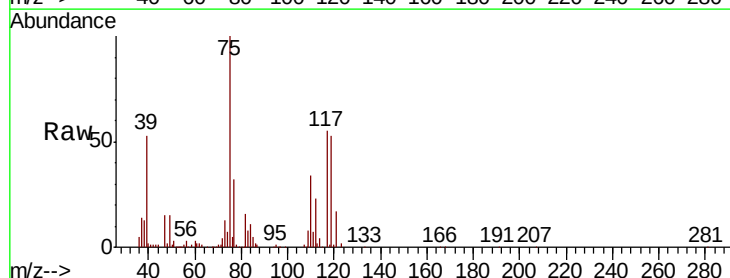
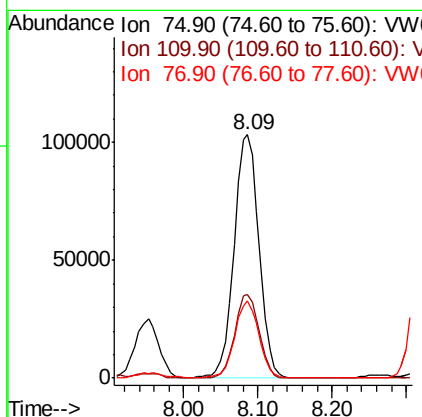
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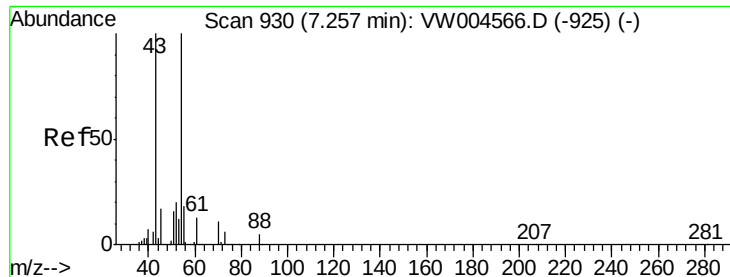
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#36
 1,1-Dichloropropene
 Concen: 20.30 ug/l
 RT: 8.09 min Scan# 1066
 Delta R.T. 0.01 min
 Lab File: VW004590.D
 Acq: 10 Aug 2018 12:14

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	241808		
110	33.9	17.4	52.2	
77	31.0	24.7	37.1	





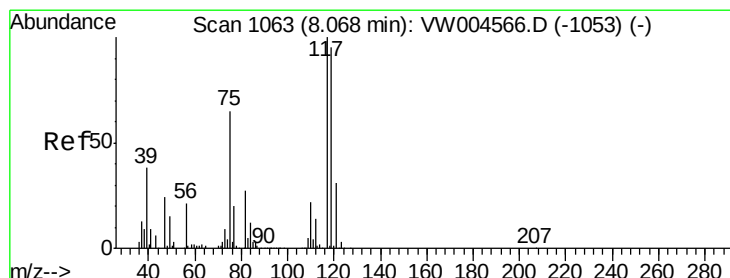
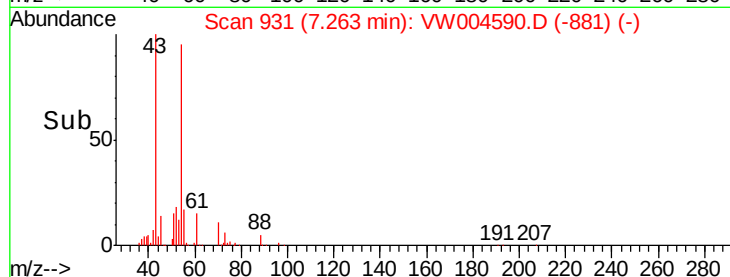
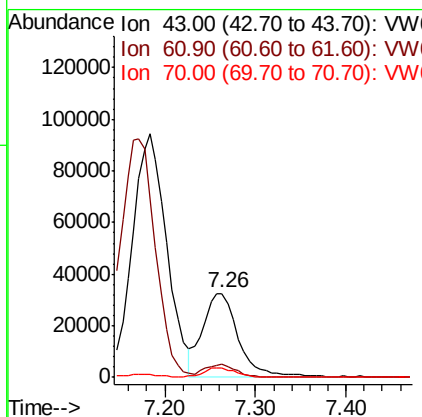
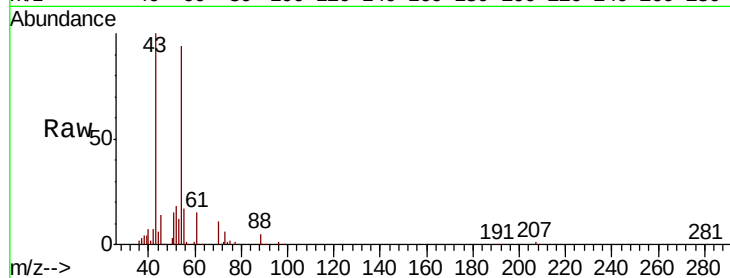
#37
Ethyl Acetate
Concen: 15.71 ug/l
RT: 7.26 min Scan# 931
Delta R.T. 0.01 min
Lab File: VW004590.D
Acq: 10 Aug 2018 12:14

Instrument :
MSVOA_W
ClientSampleId :
VW0813SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.1	11.9	17.9
70	10.8	8.2	12.4

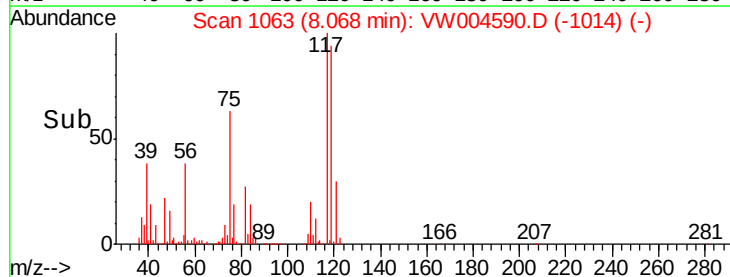
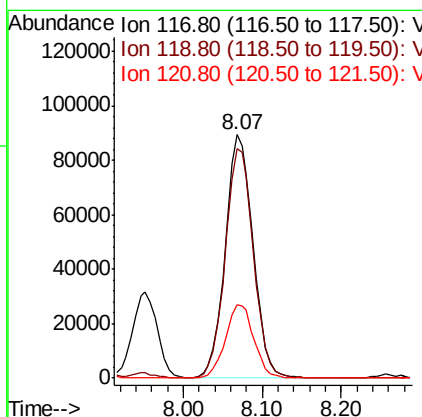
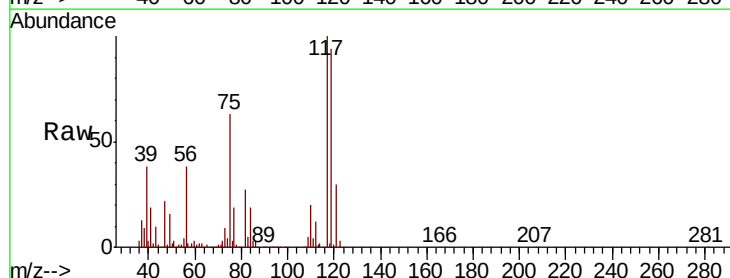
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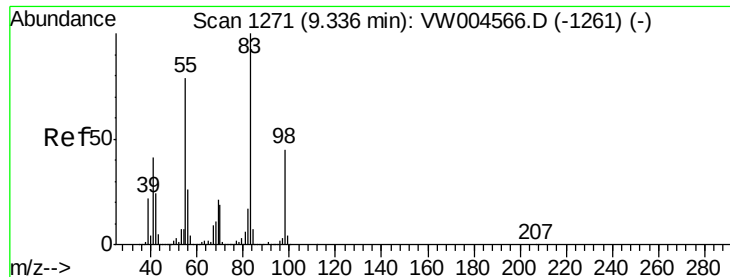
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#38
Carbon Tetrachloride
Concen: 20.37 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW004590.D
Acq: 10 Aug 2018 12:14

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.3	76.1	114.1
121	30.2	24.2	36.4





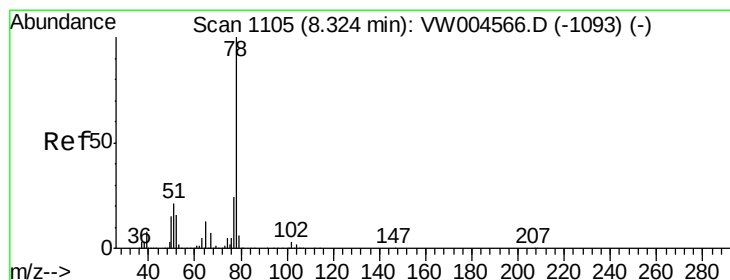
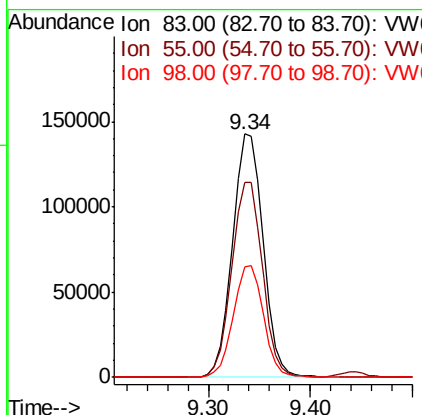
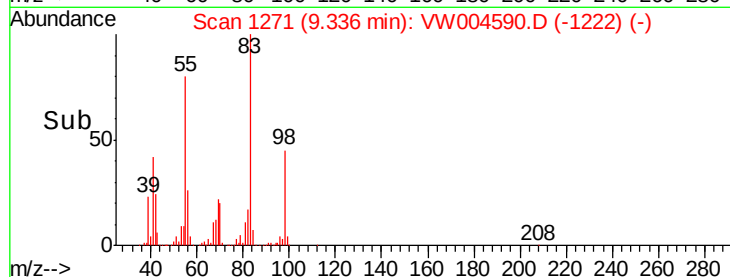
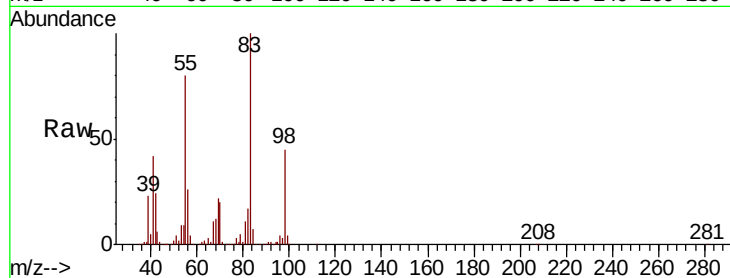
#39
Methylvlcyclohexane
Concen: 20.30 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VW004590.D
Acq: 10 Aug 2018 12:14

Instrument :
MSVOA_W
ClientSampleId :
VW0813SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	296352		
55	79.7	62.5	93.7	
98	45.3	35.4	53.2	

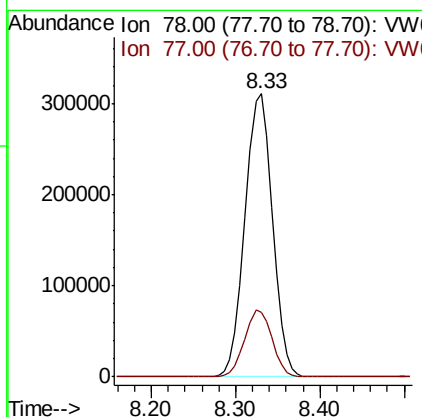
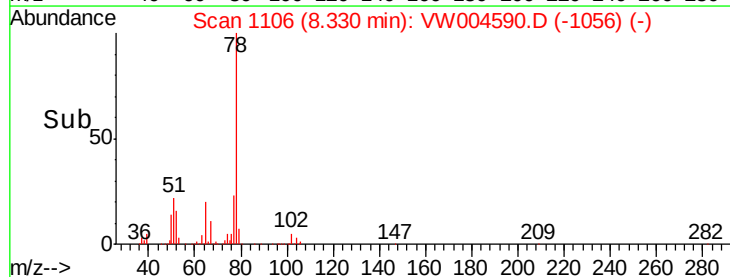
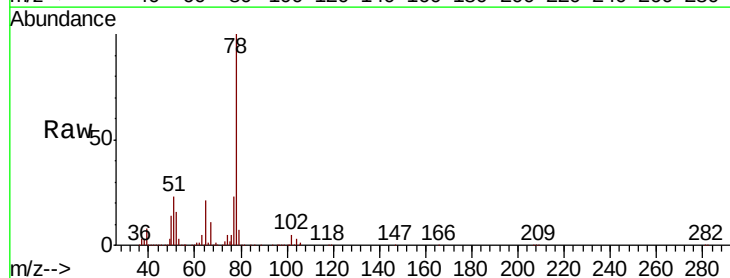
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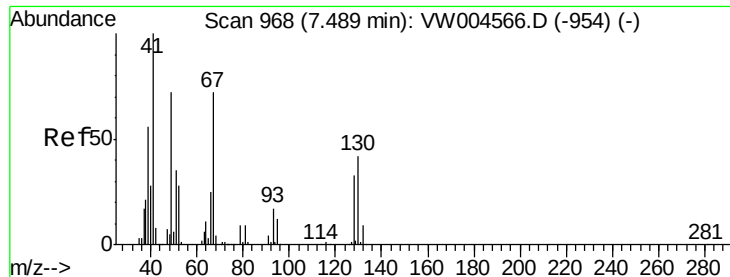
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#40
Benzene
Concen: 19.63 ug/l
RT: 8.33 min Scan# 1106
Delta R.T. 0.01 min
Lab File: VW004590.D
Acq: 10 Aug 2018 12:14

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	686497		
77	22.7	19.0	28.6	





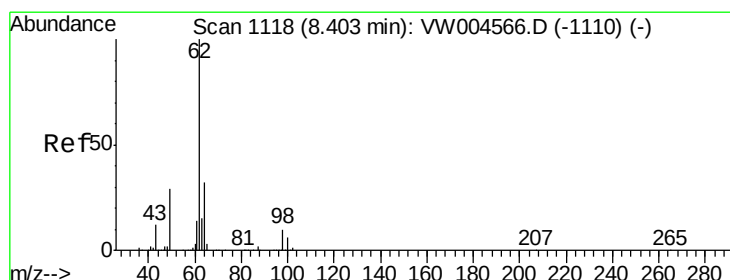
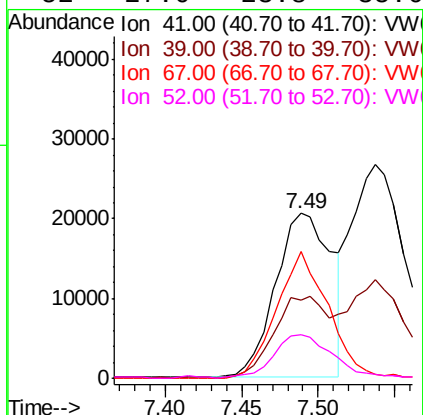
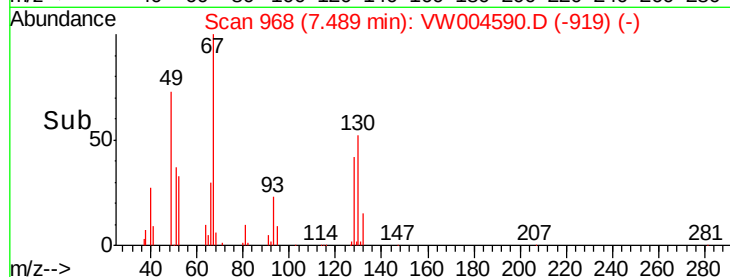
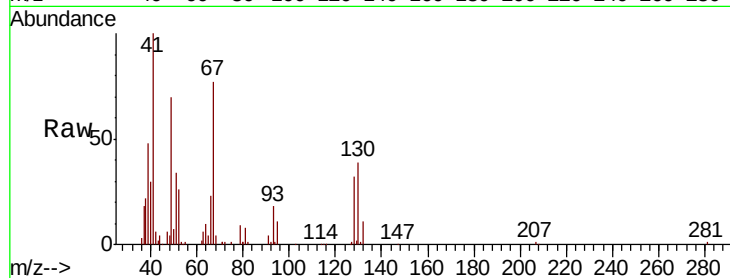
#41
Methacrylonitrile
Concen: 16.96 ug/l
RT: 7.49 min Scan# 968
Delta R.T. 0.00 min
Lab File: VW004590.D
Acq: 10 Aug 2018 12:14

Instrument :
MSVOA_W
ClientSampleId :
VW0813SBSD01

Tot Ion	41	Resp	52834
Ion	Ratio	Lower	Upper
41	100		
39	45.4	46.2	69.2#
67	70.6	60.8	91.2
52	27.0	23.8	35.6

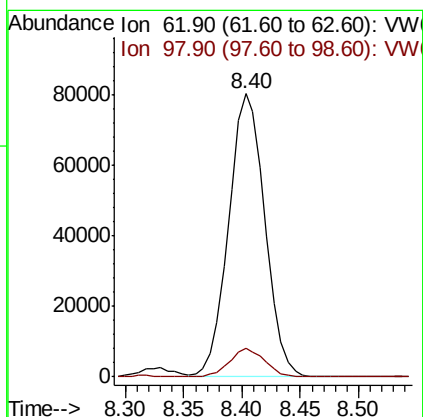
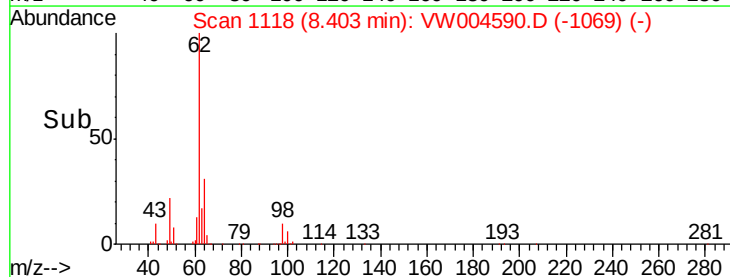
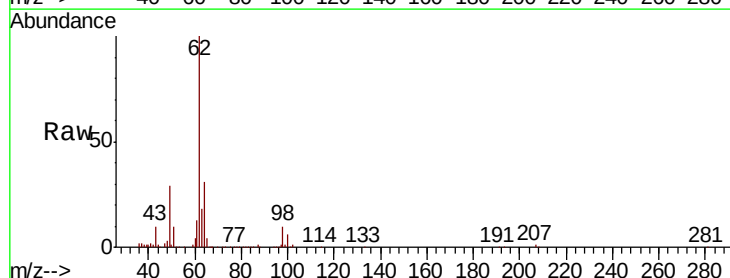
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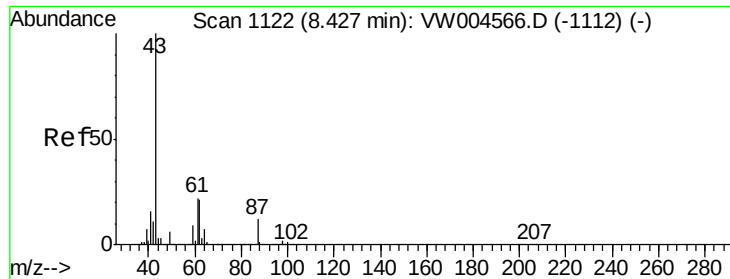
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#42
1,2-Dichloroethane
Concen: 17.92 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW004590.D
Acq: 10 Aug 2018 12:14

Tgt Ion	62	Resp	173475
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	19.6





#43

Isopropyl Acetate

Concen: 15.81 ug/l

RT: 8.43 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VW004590.D

Acq: 10 Aug 2018 12:14

Instrument :

MSVOA_W

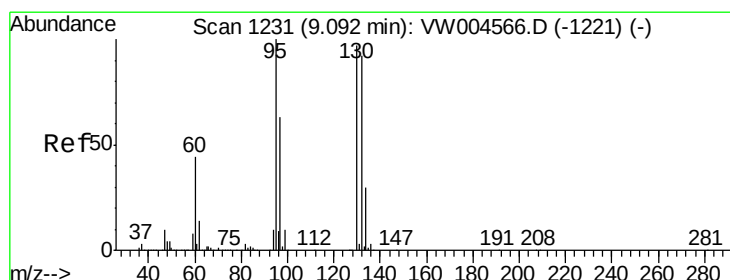
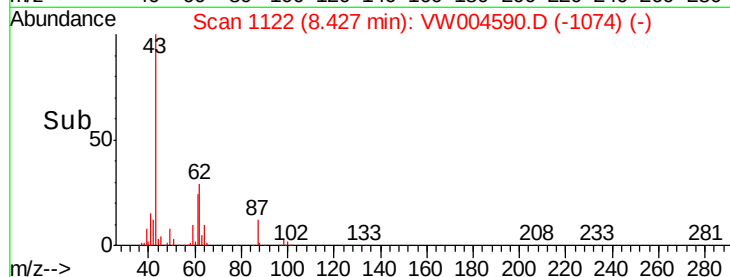
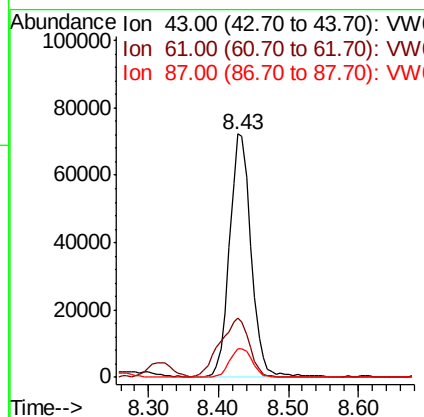
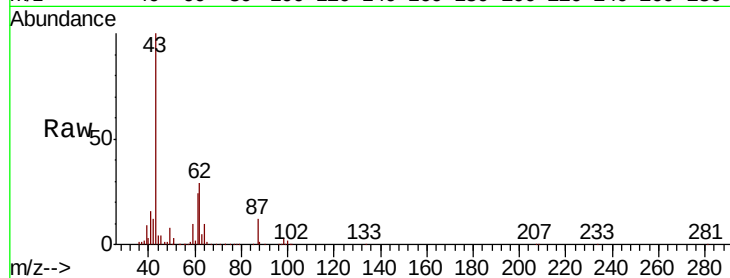
ClientSampleId :

VW0813SBS01

Tot Ion:	43	Resp:	153740
Ion	Ratio	Lower	Upper
43	100		
61	33.1	25.2	37.8
87	12.6	10.6	16.0

Manual Integrations
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#44

Trichloroethene

Concen: 19.52 ug/l

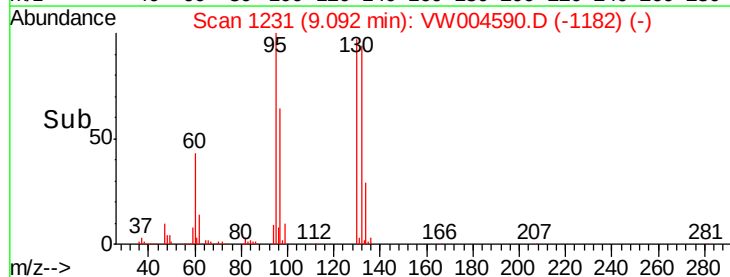
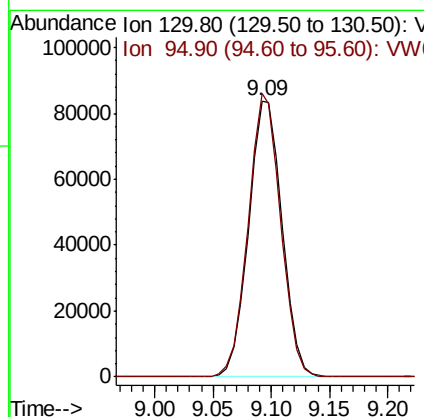
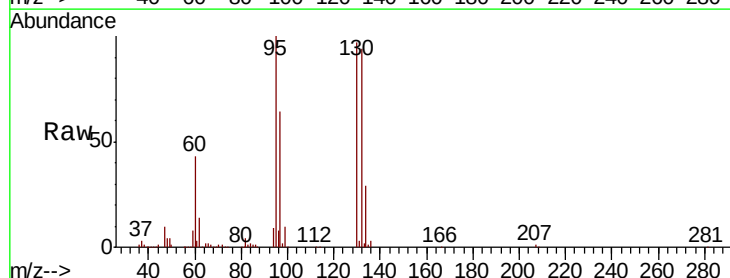
RT: 9.09 min Scan# 1231

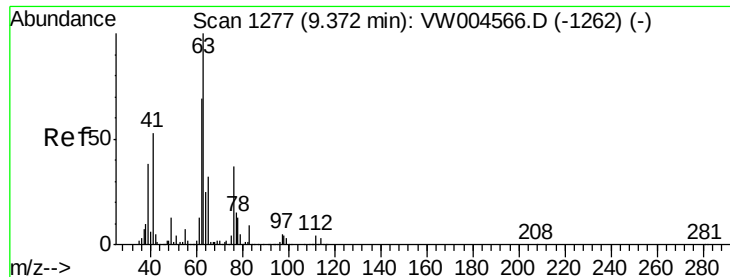
Delta R.T. 0.00 min

Lab File: VW004590.D

Acq: 10 Aug 2018 12:14

Tgt Ion:	130	Resp:	167772
Ion	Ratio	Lower	Upper
130	100		
95	102.6	0.0	196.2





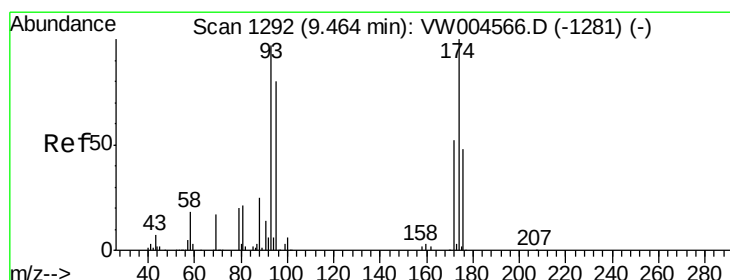
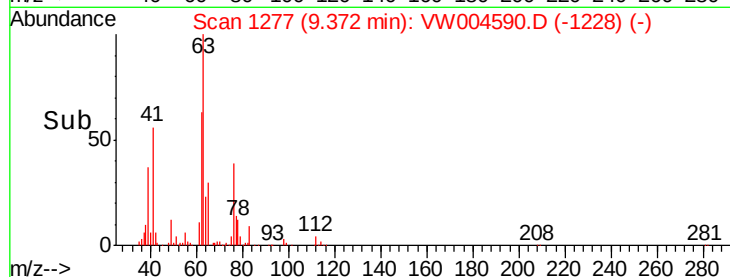
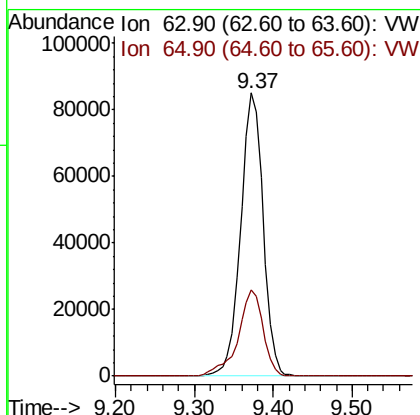
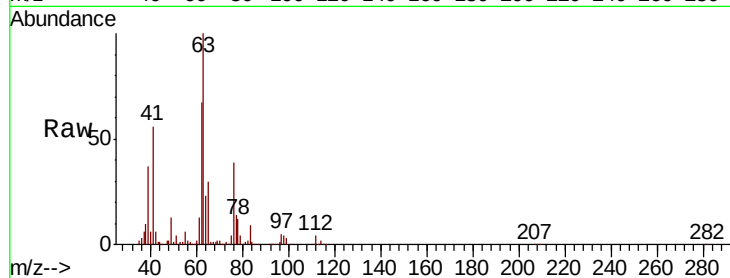
#45
 1,2-Dichloropropane
 Concen: 19.27 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VW004590.D
 Acq: 10 Aug 2018 12:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0813SBSD01

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.5	24.5	36.7

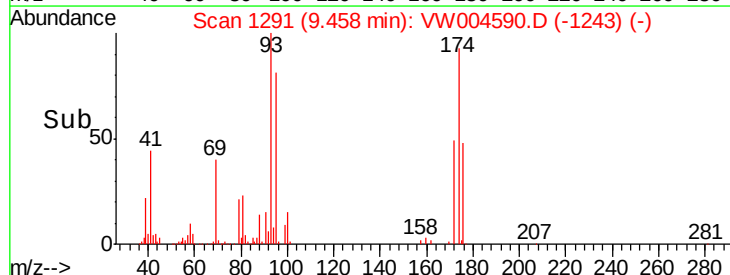
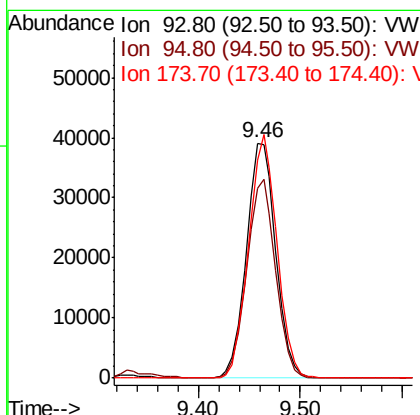
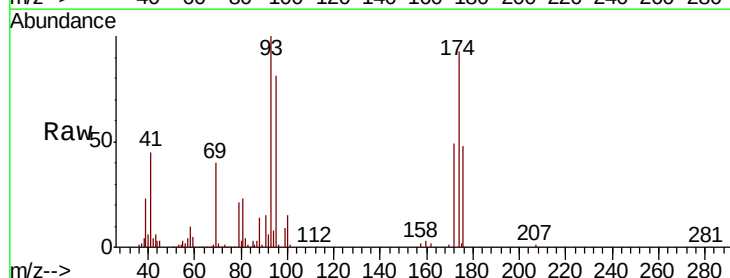
Manual Integrations
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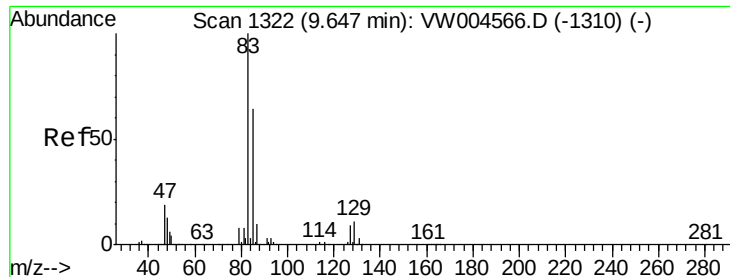
apatel
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#46
 Dibromomethane
 Concen: 17.58 ug/l
 RT: 9.46 min Scan# 1291
 Delta R.T. -0.01 min
 Lab File: VW004590.D
 Acq: 10 Aug 2018 12:14

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.1	67.0	100.4
174	100.3	80.2	120.4





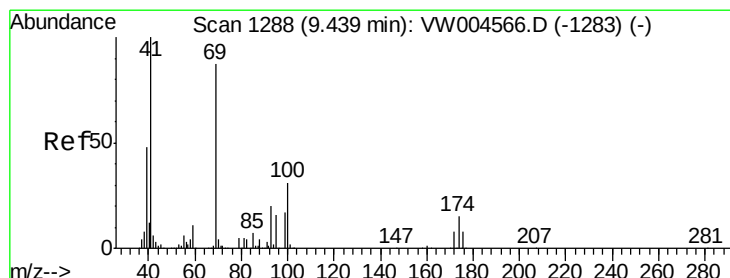
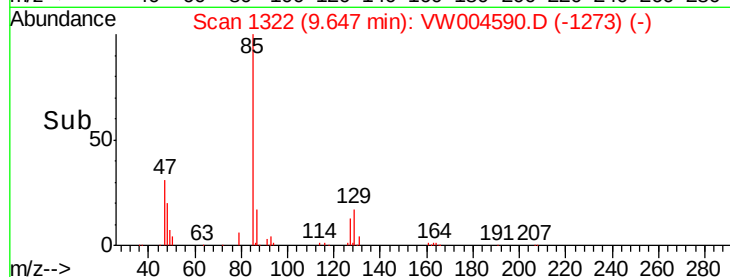
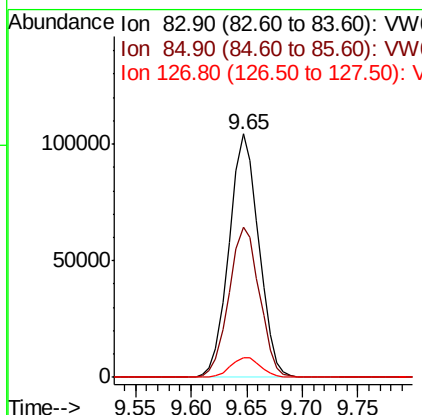
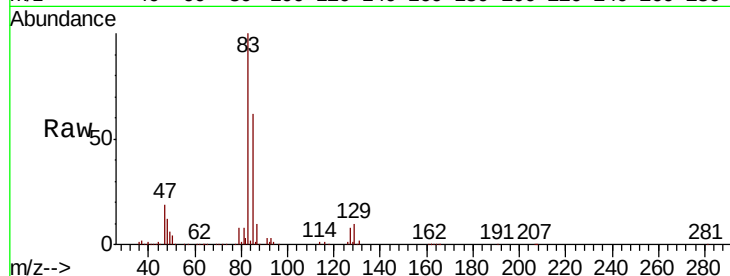
#47
Bromodichloromethane
Concen: 18.30 ug/l
RT: 9.65 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VW004590.D
Acq: 10 Aug 2018 12:14

Instrument :
MSVOA_W
ClientSampleId :
VW0813SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	192634		
85	61.8	50.7	76.1	
127	8.2	6.5	9.7	

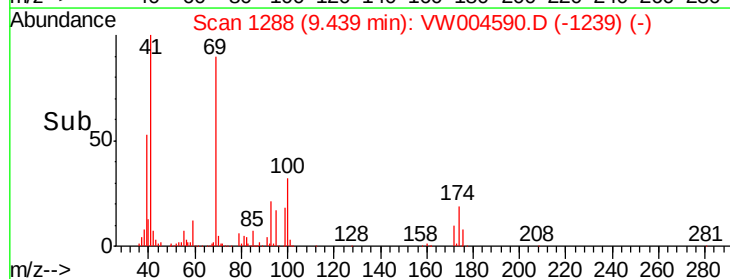
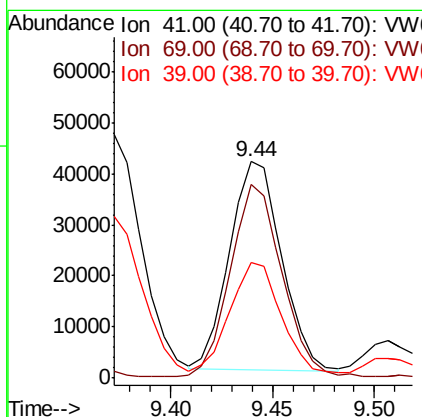
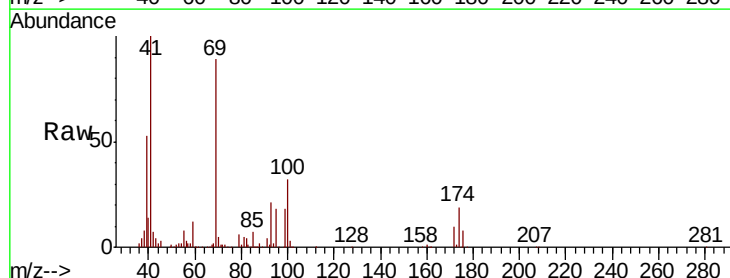
Manual Integrations
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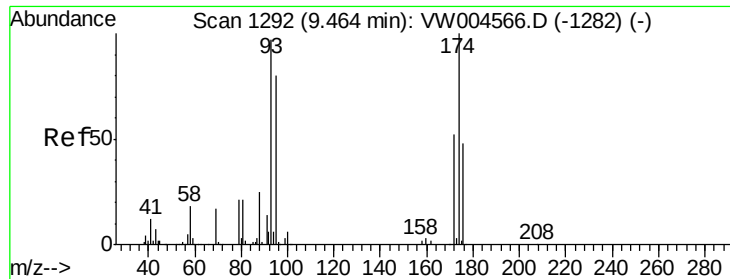
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#48
Methyl methacrylate
Concen: 15.98 ug/l
RT: 9.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VW004590.D
Acq: 10 Aug 2018 12:14

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	72644		
69	91.7	73.2	109.8	
39	50.9	40.6	60.8	





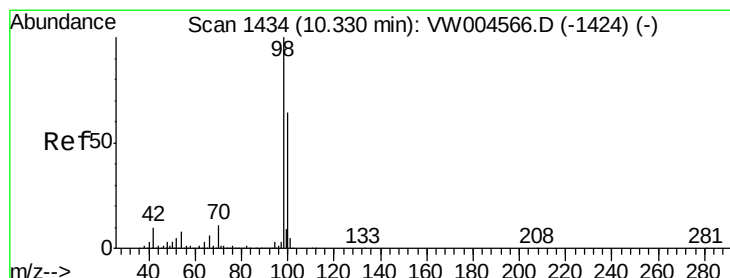
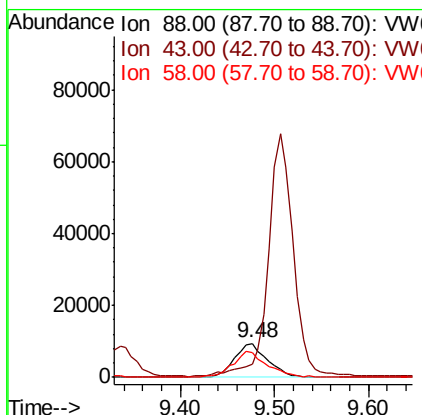
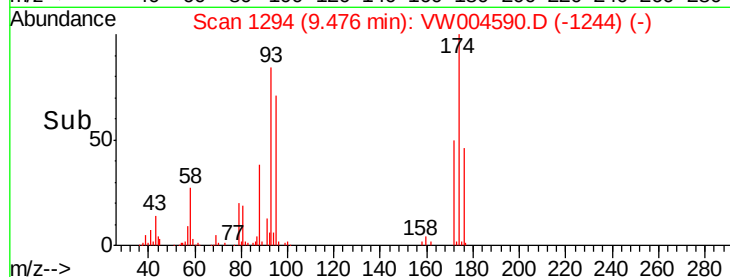
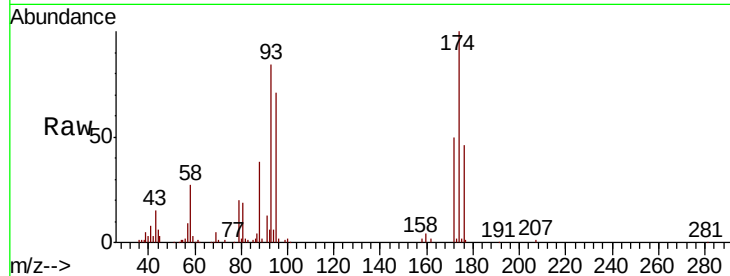
#49
1,4-Dioxane
Concen: 342.43 ug/l
RT: 9.48 min Scan# 1294
Delta R.T. 0.01 min
Lab File: VW004590.D
Acq: 10 Aug 2018 12:14

Instrument :
MSVOA_W
ClientSampleId :
VW0813BSD01

Tot Ion	88	Resp	23298
Ion Ratio	Lower	Upper	
88	100		
43	0.0	0.0	0.0
58	80.8	63.5	95.3

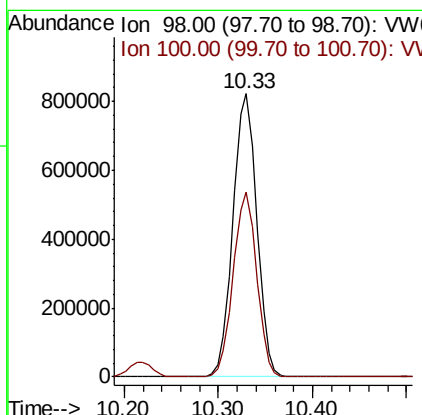
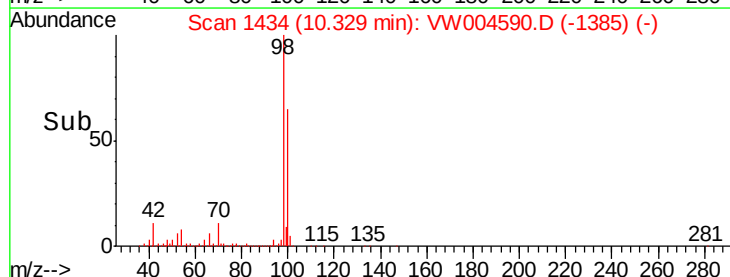
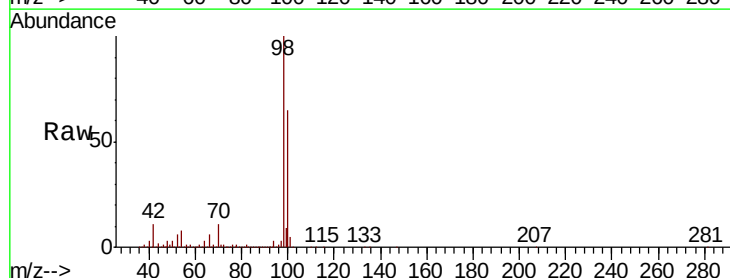
Manual Integrations
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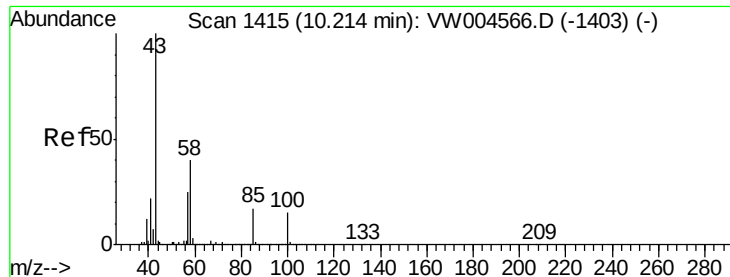
apatel
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#50
Toluene-d8
Concen: 51.42 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW004590.D
Acq: 10 Aug 2018 12:14

Tgt Ion	98	Resp	1446046
Ion Ratio	Lower	Upper	
98	100		
100	64.5	51.4	77.2





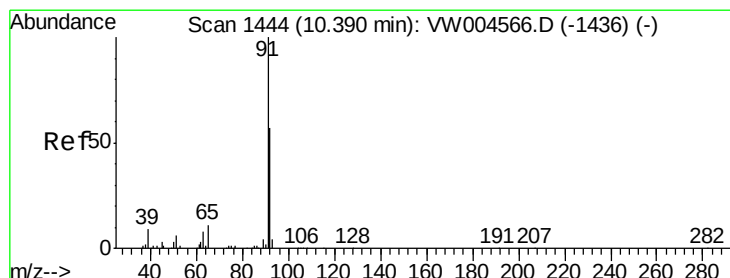
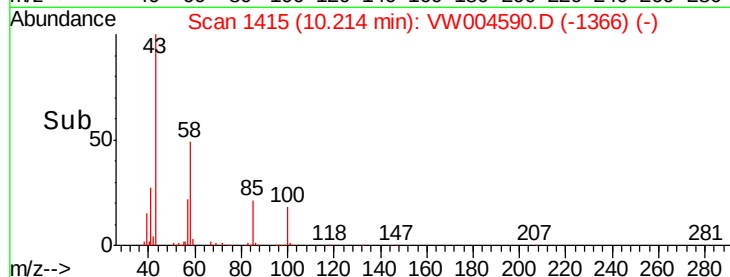
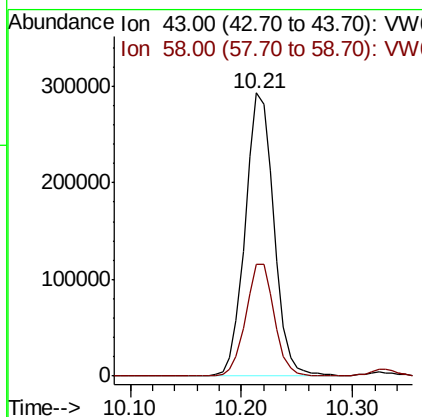
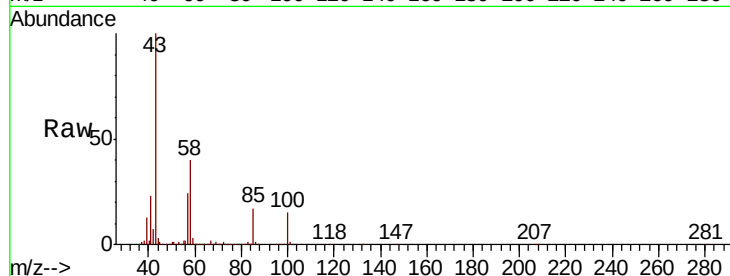
#51
4-Methyl-2-Pentanone
Concen: 77.31 ug/l
RT: 10.21 min Scan# 1415
Delta R.T. 0.00 min
Lab File: VW004590.D
Acq: 10 Aug 2018 12:14

Instrument :
MSVOA_W
ClientSampleId :
VW0813SBS01

Tot Ion	43	Resp	523349
Ion	Ratio	Lower	Upper
43	100		
58	39.5	31.9	47.9

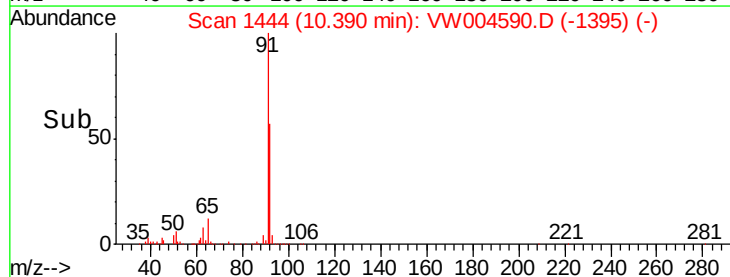
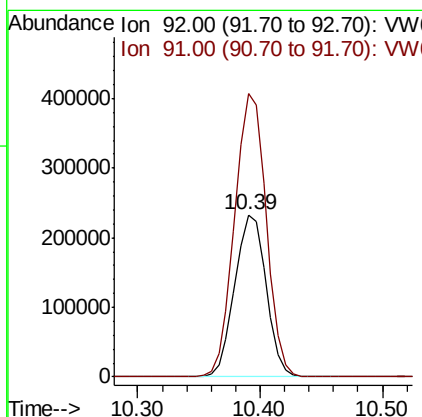
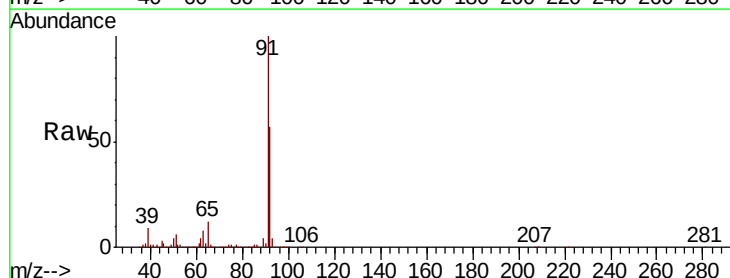
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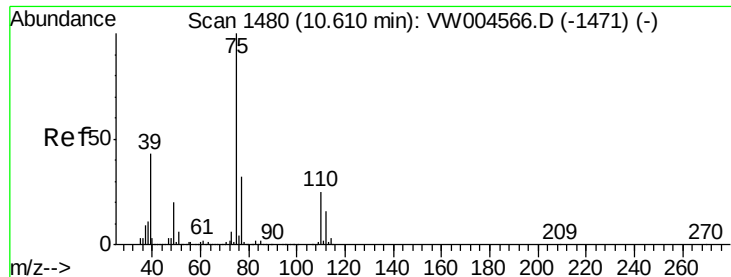
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#52
Toluene
Concen: 20.01 ug/l
RT: 10.39 min Scan# 1444
Delta R.T. 0.00 min
Lab File: VW004590.D
Acq: 10 Aug 2018 12:14

Tgt Ion	92	Resp	412753
Ion	Ratio	Lower	Upper
92	100		
91	176.3	137.9	206.9





#53

t-1,3-Dichloropropene

Concen: 17.96 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VW004590.D

Acq: 10 Aug 2018 12:14

Instrument :

MSVOA_W

ClientSampled :

VW0813SBSD01

Tot Ion: 75 Resp: 189786

Ion Ratio Lower Upper

75 100

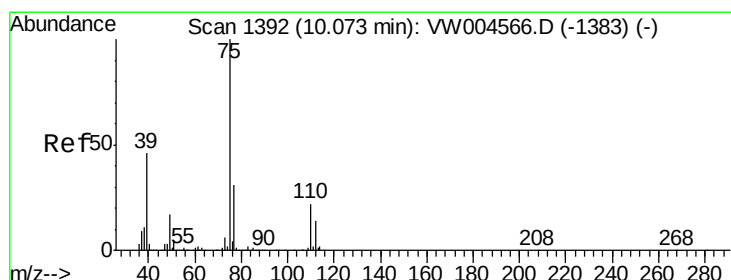
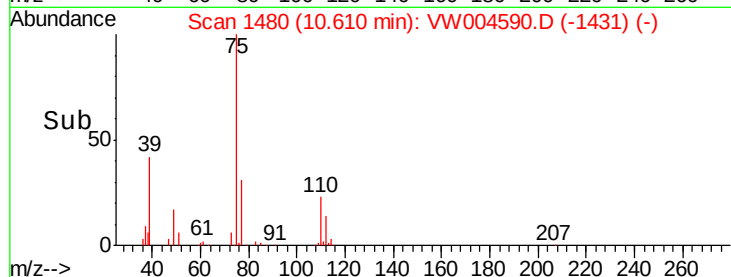
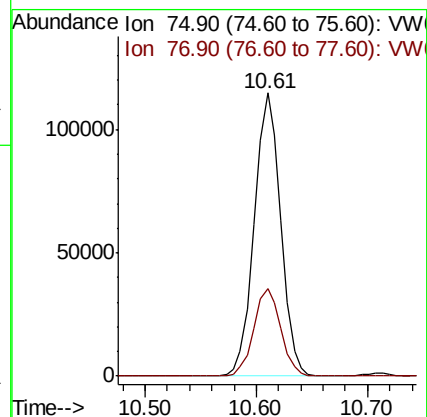
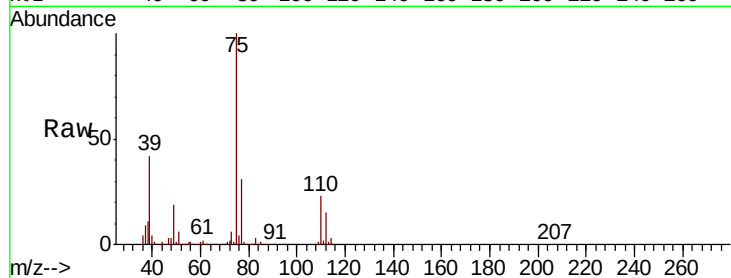
77 30.8 25.1 37.7

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 18.62 ug/l

RT: 10.07 min Scan# 1392

Delta R.T. -0.01 min

Lab File: VW004590.D

Acq: 10 Aug 2018 12:14

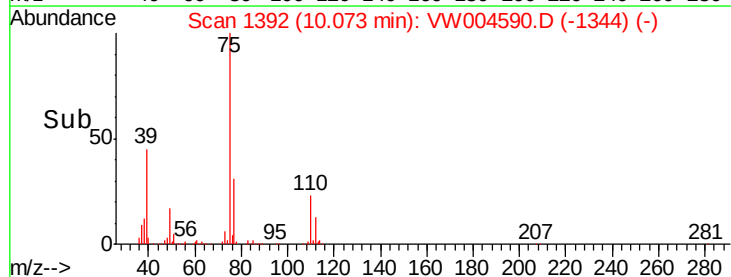
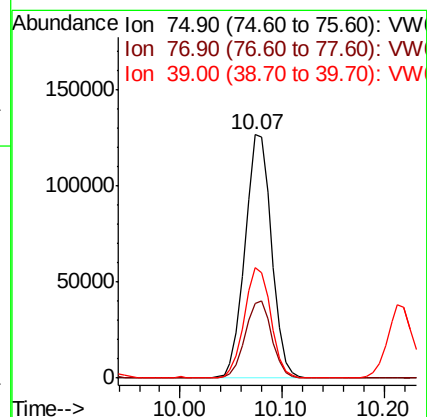
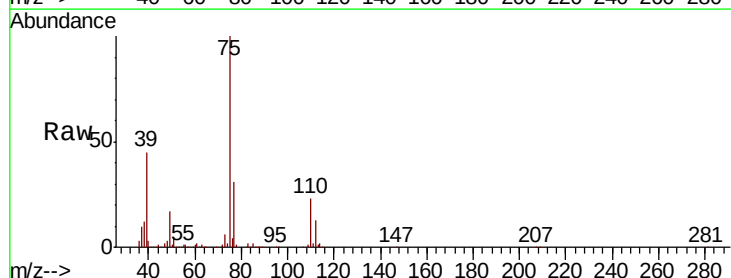
Tgt Ion: 75 Resp: 229354

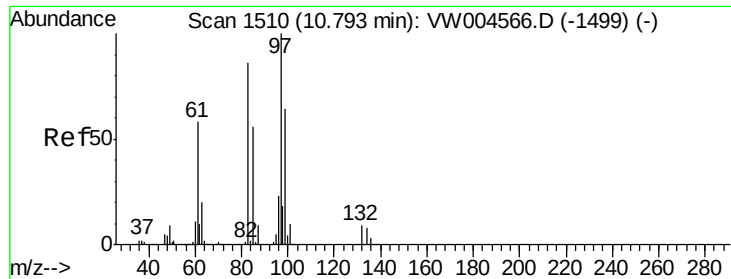
Ion Ratio Lower Upper

75 100

77 30.9 25.3 37.9

39 45.0 34.5 51.7





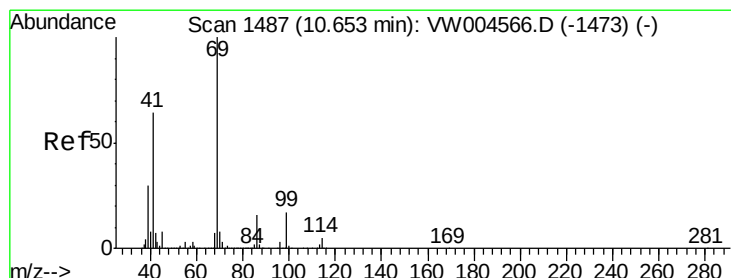
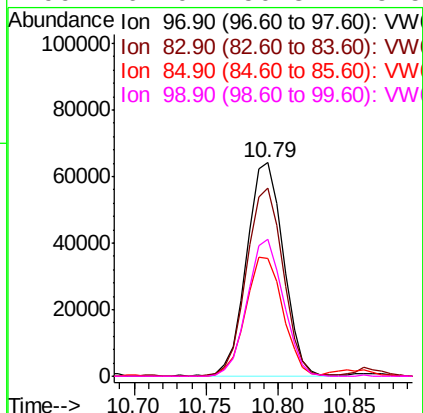
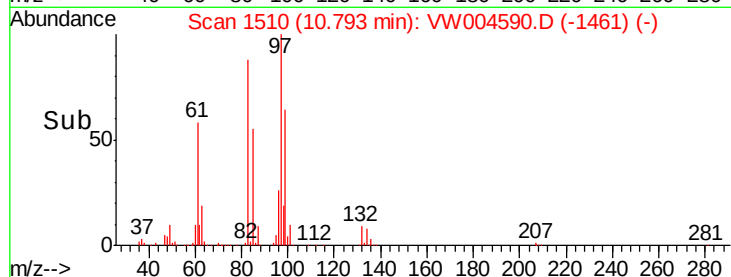
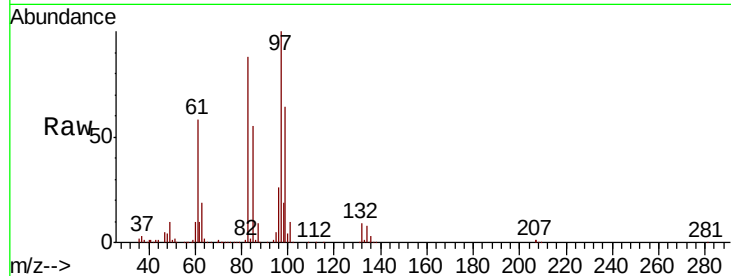
#55
 1,1,2-Trichloroethane
 Concen: 17.60 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VW004590.D
 Acq: 10 Aug 2018 12:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0813BSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		112528		
83	88.5	69.8	104.8		
85	55.6	45.1	67.7		
99	64.0	50.3	75.5		

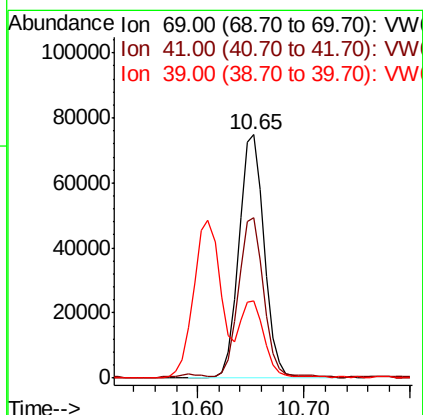
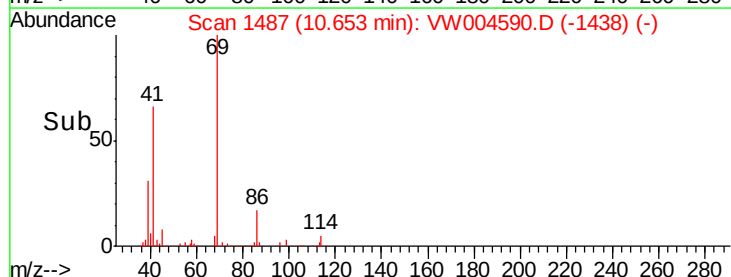
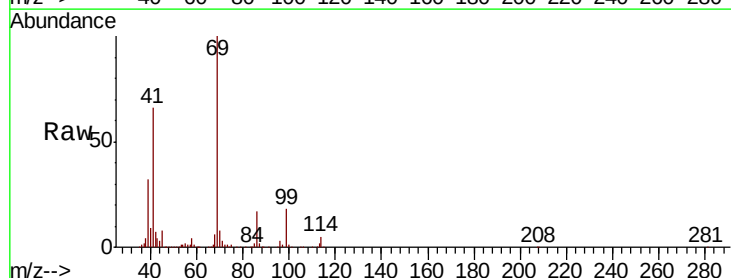
Manual Integrations
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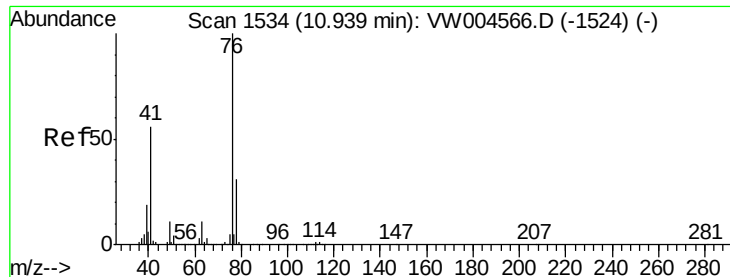
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#56
 Ethyl methacrylate
 Concen: 16.31 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW004590.D
 Acq: 10 Aug 2018 12:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		124779		
41	65.4	52.4	78.6		
39	28.2	22.7	34.1		





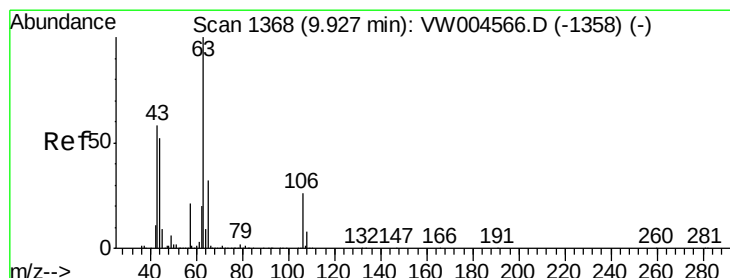
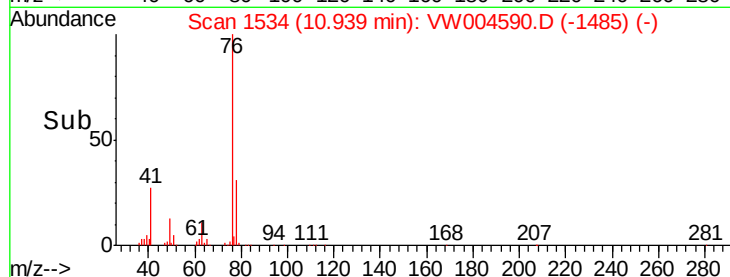
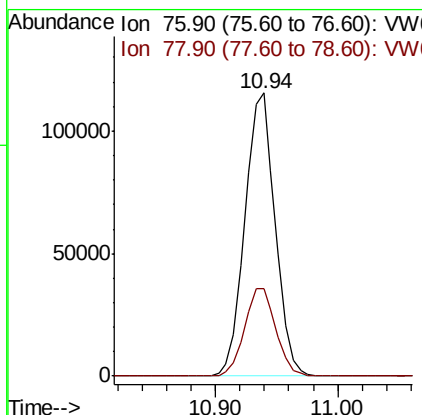
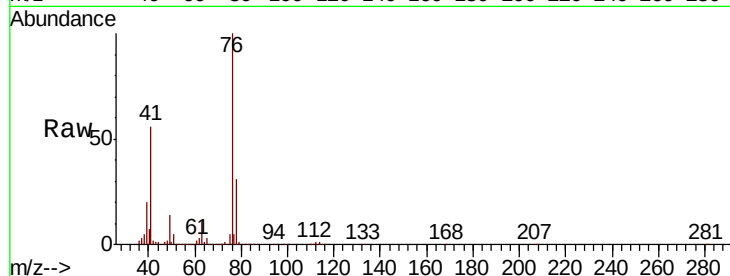
#57
 1,3-Dichloropropane
 Concen: 18.01 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VW004590.D
 Acq: 10 Aug 2018 12:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0813SBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.1	25.7	38.5

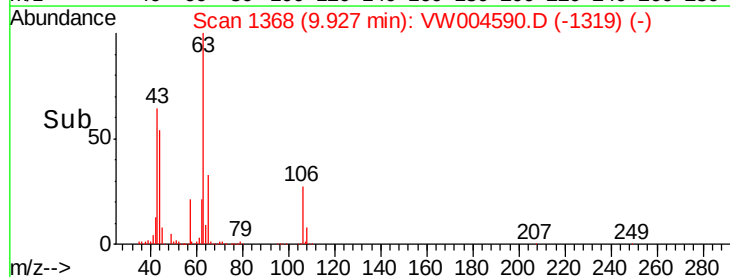
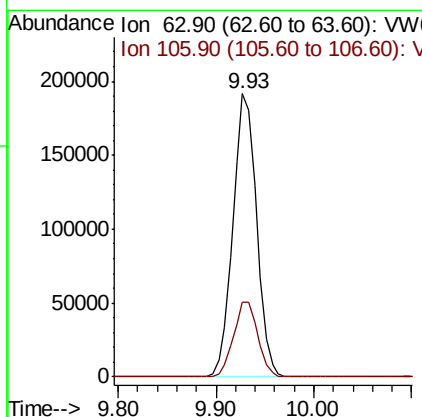
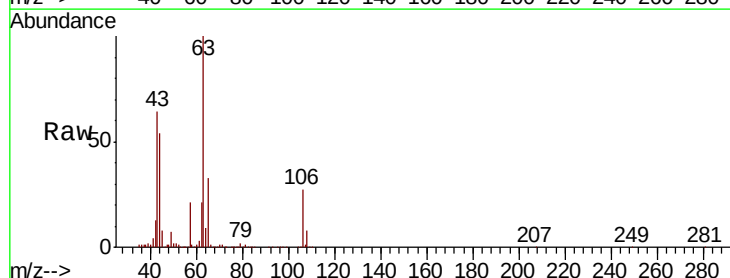
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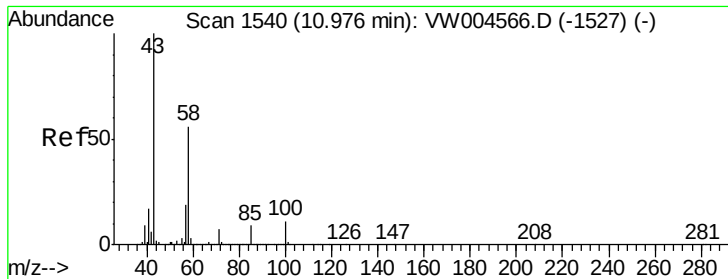
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#58
 2-Chloroethyl Vinyl ether
 Concen: 85.53 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: VW004590.D
 Acq: 10 Aug 2018 12:14

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.2	21.3	31.9





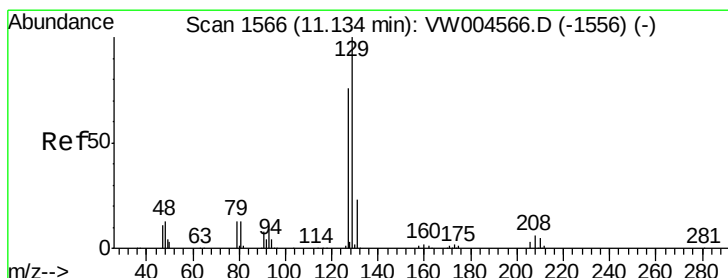
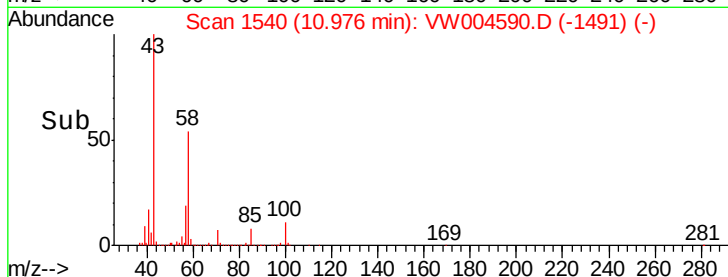
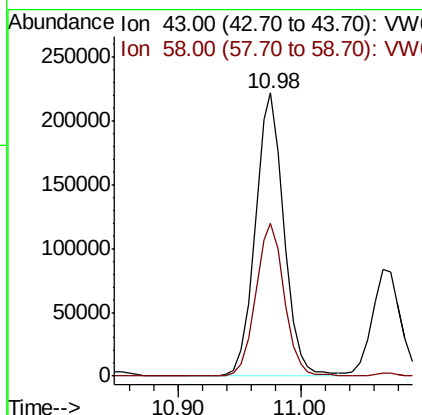
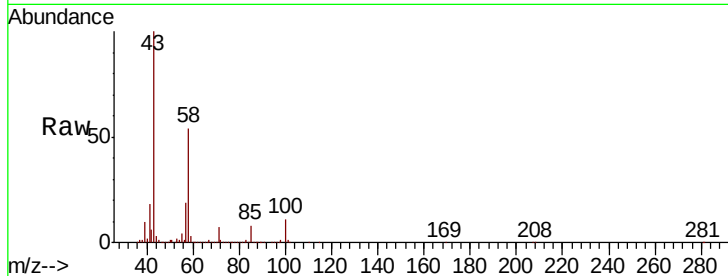
#59
2-Hexanone
Concen: 78.42 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW004590.D
Acq: 10 Aug 2018 12:14

Instrument :
MSVOA_W
ClientSampleId :
VW0813SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	54.0	27.9	83.6

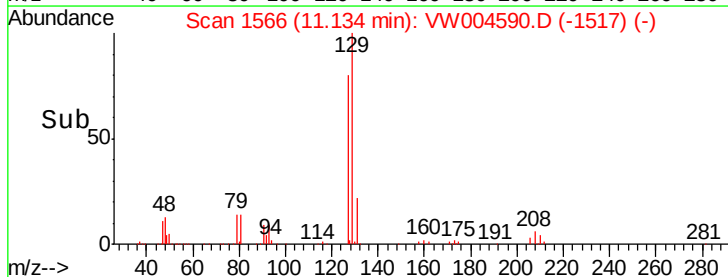
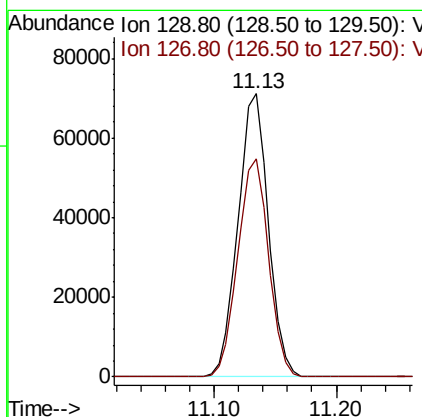
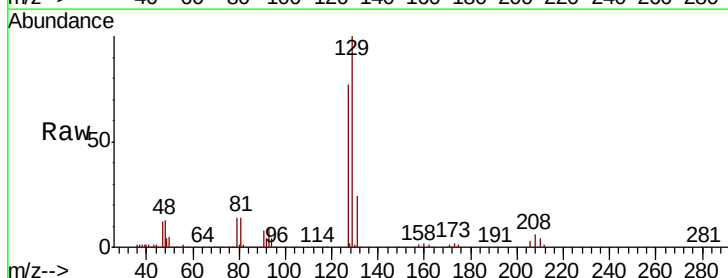
Manual Integrations
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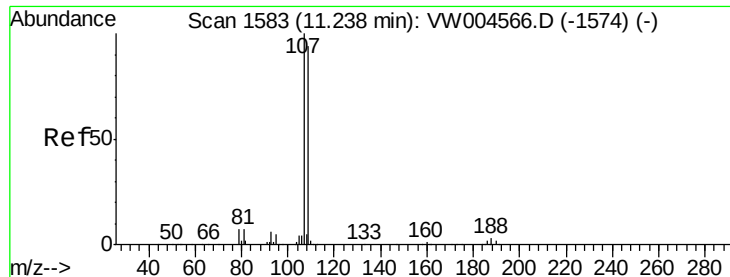
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#60
Dibromochloromethane
Concen: 17.61 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW004590.D
Acq: 10 Aug 2018 12:14

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.0	38.6	115.8





#61

1,2-Dibromoethane

Concen: 17.42 ug/l

RT: 11.24 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VW004590.D

Acq: 10 Aug 2018 12:14

Instrument :

MSVOA_W

ClientSampleId :

VW0813SBS01

Tot Ion: 107 Resp: 104621

Ion Ratio Lower Upper

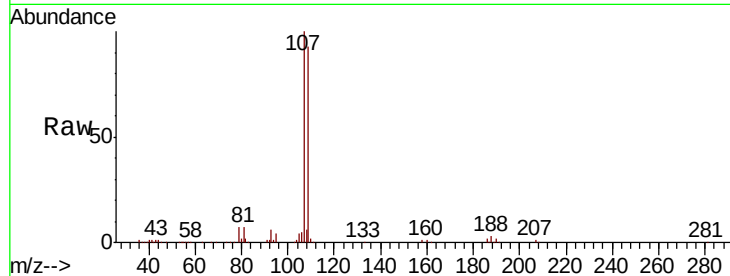
107 100

109 93.7 75.7 113.5

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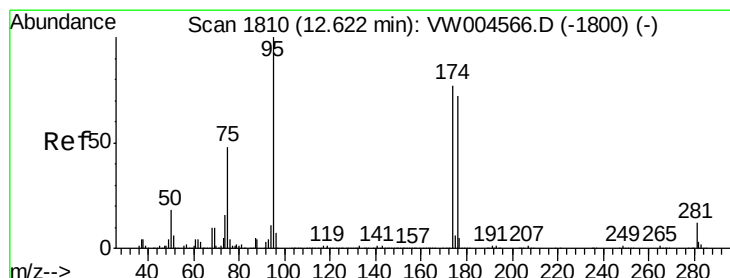
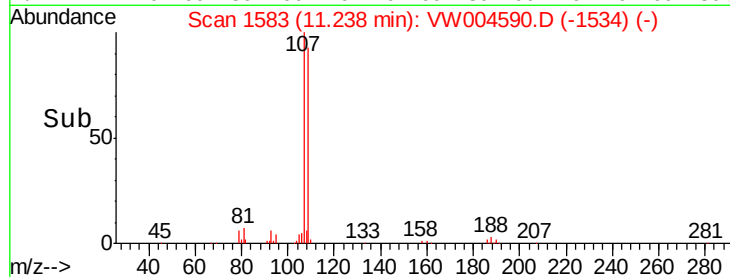
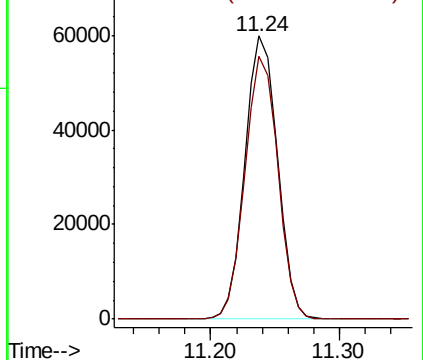
apatel

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.56 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW004590.D

Acq: 10 Aug 2018 12:14

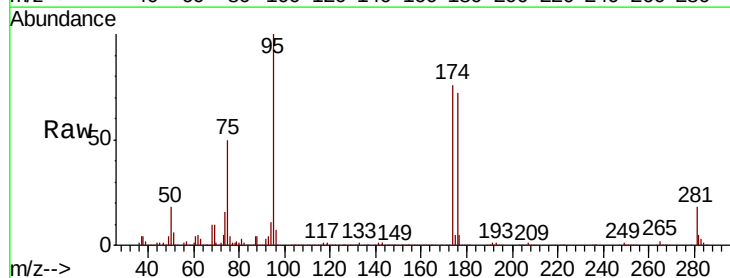
Tgt Ion: 95 Resp: 512139

Ion Ratio Lower Upper

95 100

174 80.0 0.0 160.4

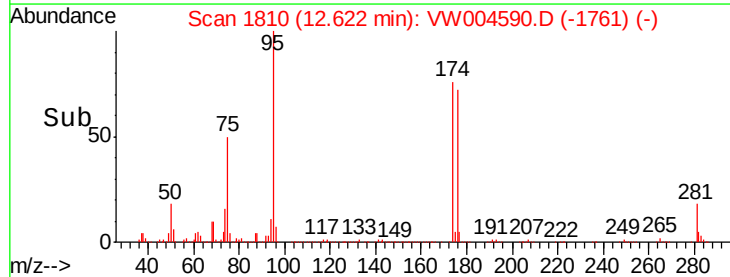
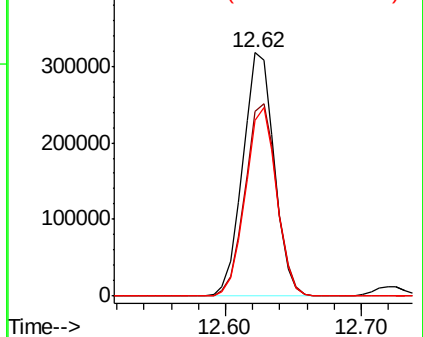
176 77.0 0.0 153.2

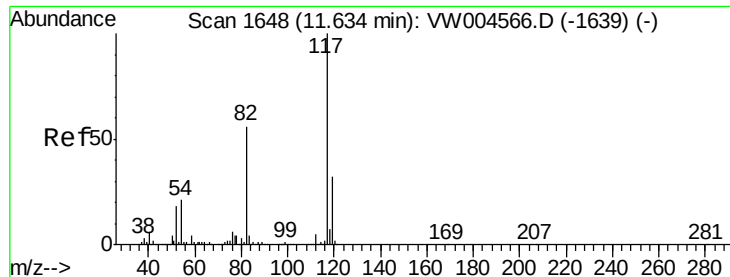


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





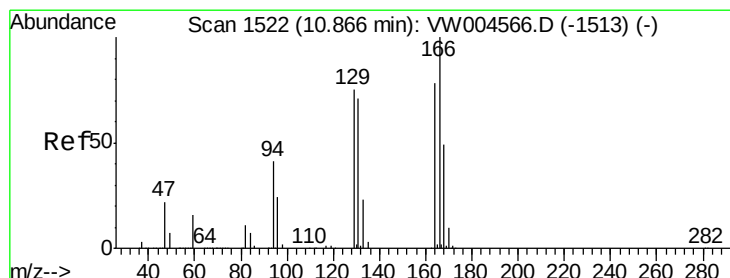
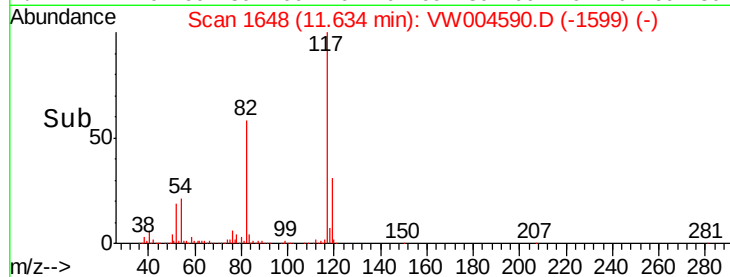
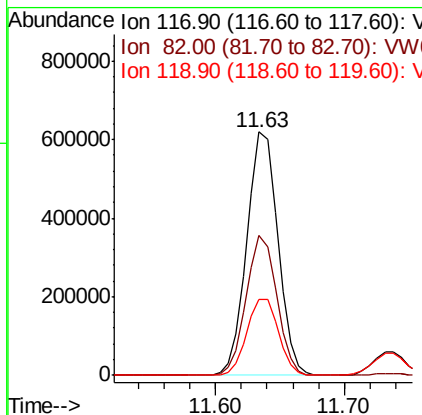
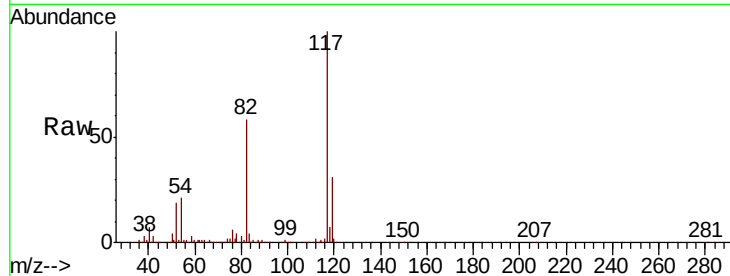
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004590.D
Acq: 10 Aug 2018 12:14

Instrument :
MSVOA_W
ClientSampleId :
VW0813SBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.5	45.3	67.9
119	31.3	26.2	39.4

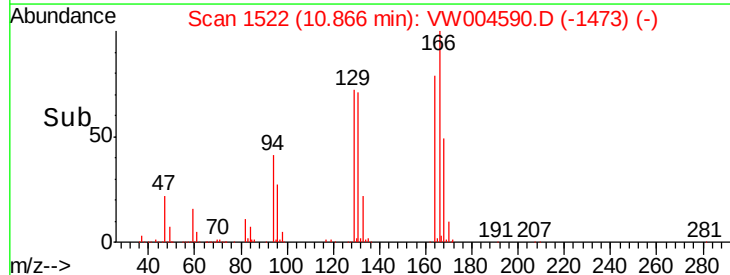
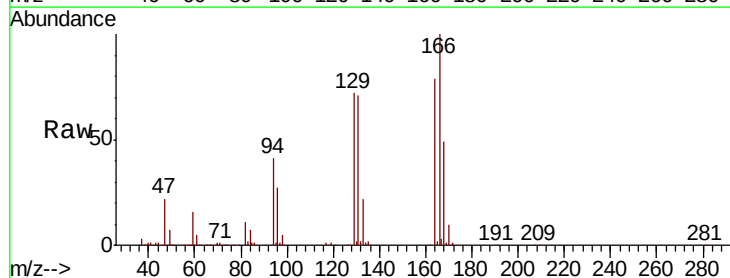
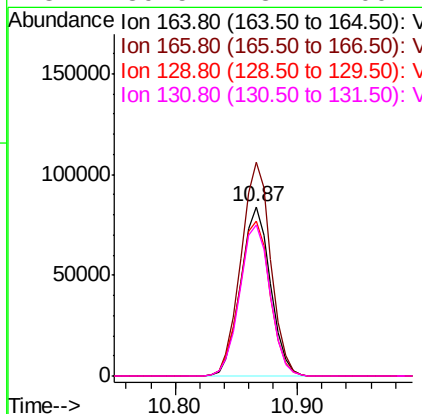
Manual Integrations
APPROVED

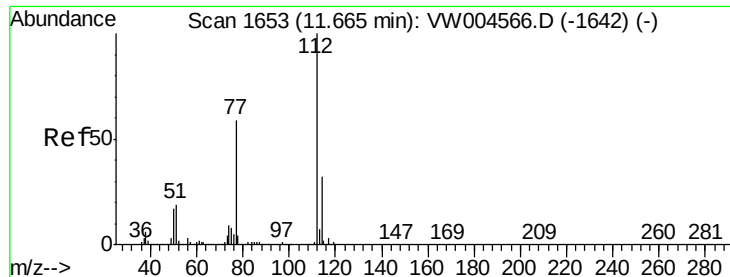
apatel
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#64
Tetrachloroethene
Concen: 19.69 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW004590.D
Acq: 10 Aug 2018 12:14

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.2	98.4	147.6
129	91.4	73.6	110.4
131	89.5	73.1	109.7





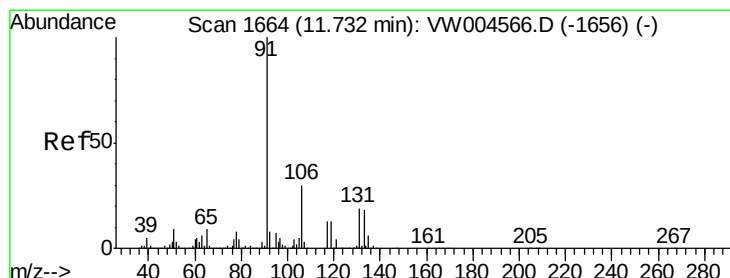
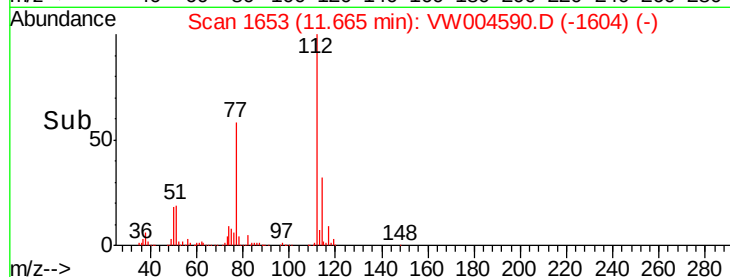
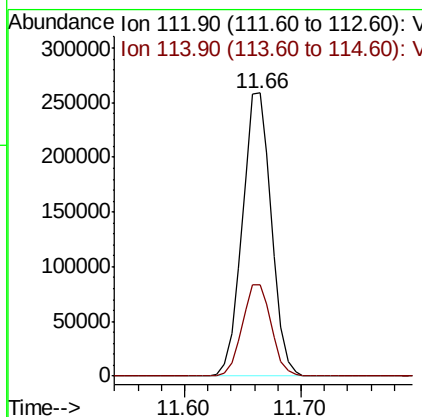
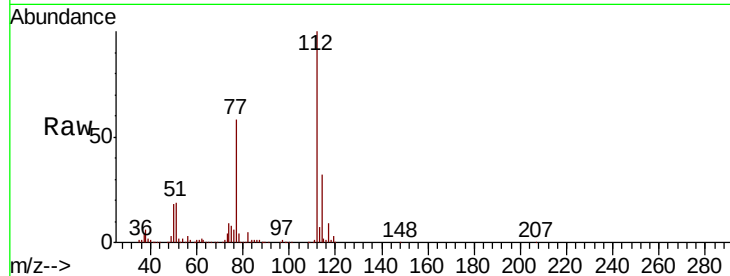
#65
Chlorobenzene
Concen: 19.75 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VW004590.D
Acq: 10 Aug 2018 12:14

Instrument :
MSVOA_W
ClientSampleId :
VW0813SBSD01

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.4	26.0	39.0

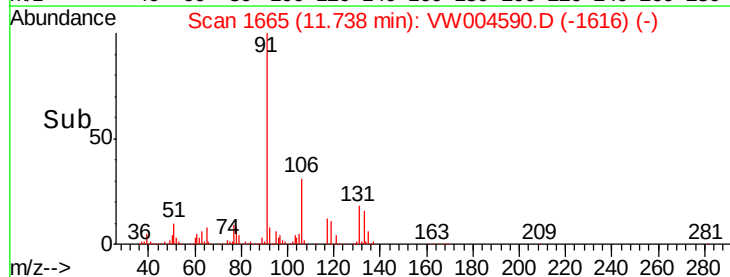
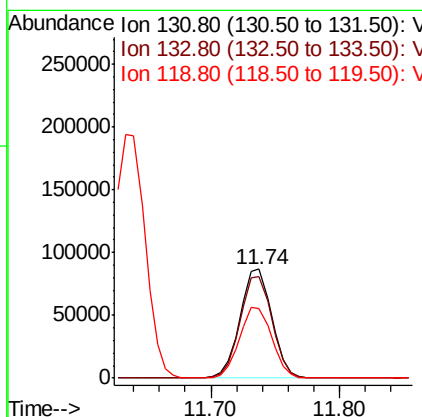
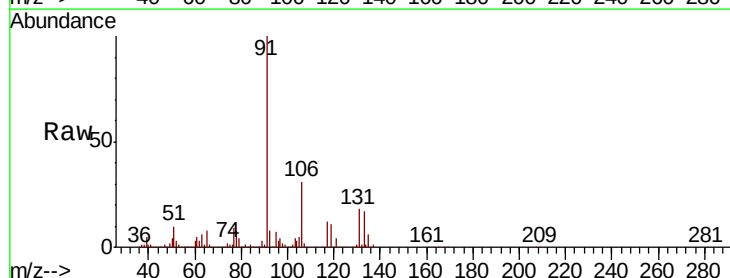
Manual Integrations
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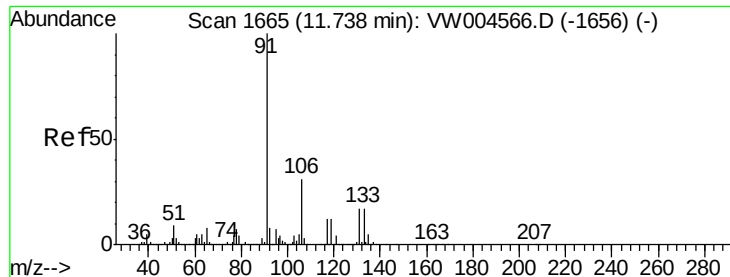
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.18 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW004590.D
Acq: 10 Aug 2018 12:14

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.2	48.1	144.4
119	66.2	33.9	101.7





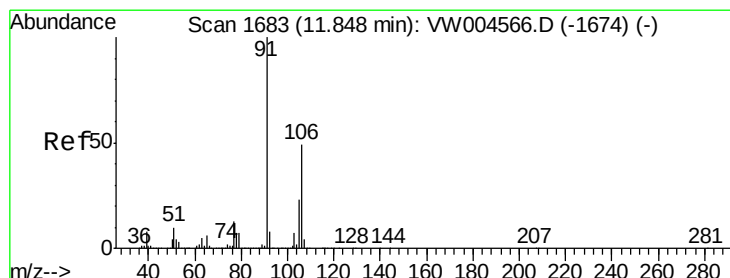
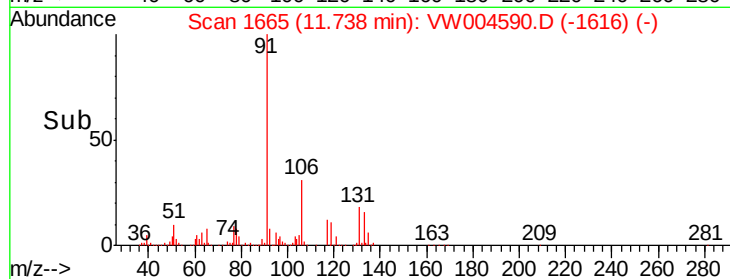
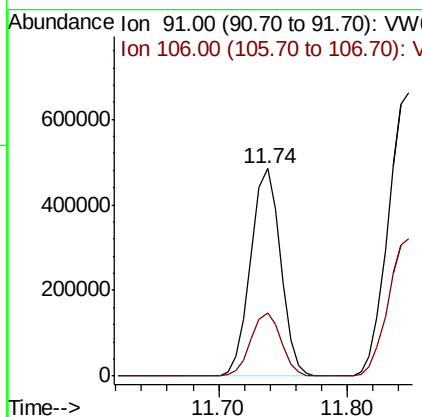
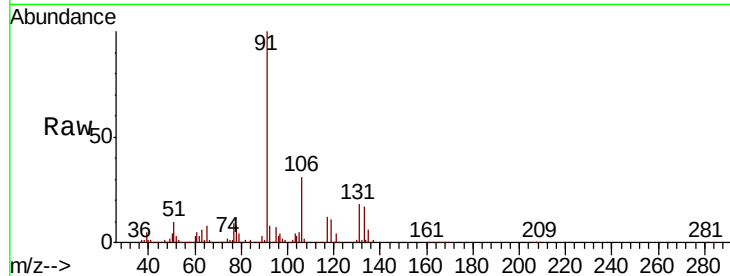
#67
Ethyl Benzene
Concen: 20.19 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW004590.D
Acq: 10 Aug 2018 12:14

Instrument :
MSVOA_W
ClientSampled :
VW0813SBSD01

Tot Ion: 91 Resp: 777960
Ion Ratio Lower Upper
91 100
106 30.7 24.2 36.2

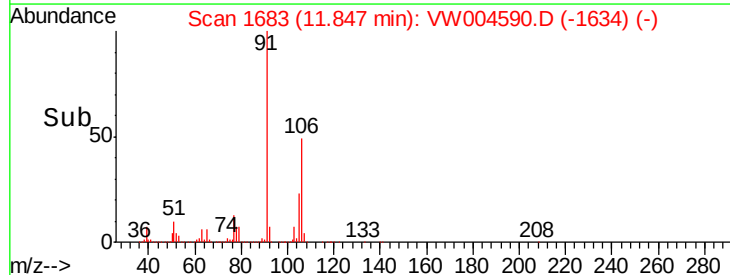
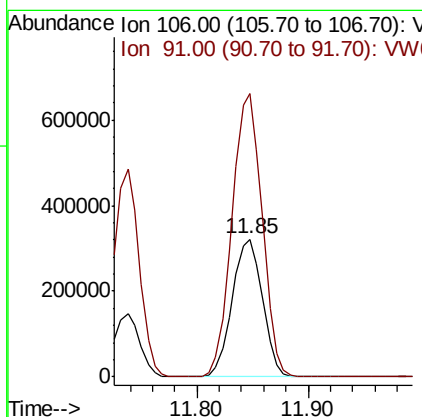
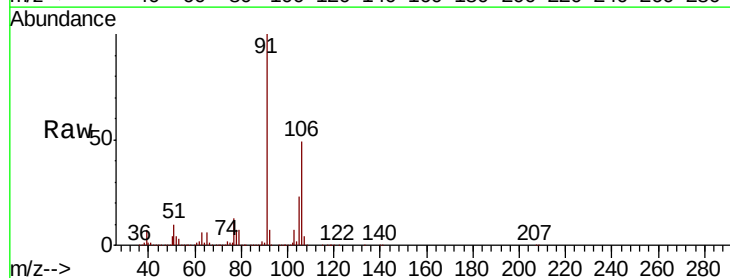
Manual Integrations
APPROVED

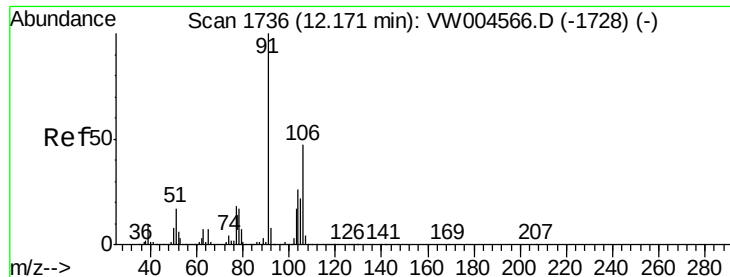
apatel
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#68
m/p-Xylenes
Concen: 40.69 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW004590.D
Acq: 10 Aug 2018 12:14

Tgt Ion: 106 Resp: 605867
Ion Ratio Lower Upper
106 100
91 204.0 162.8 244.2





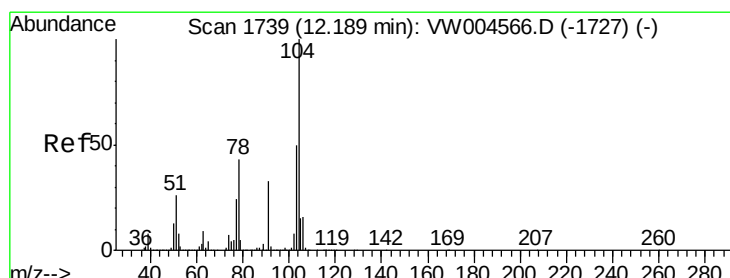
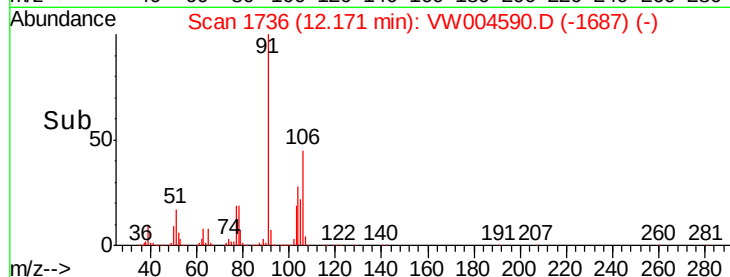
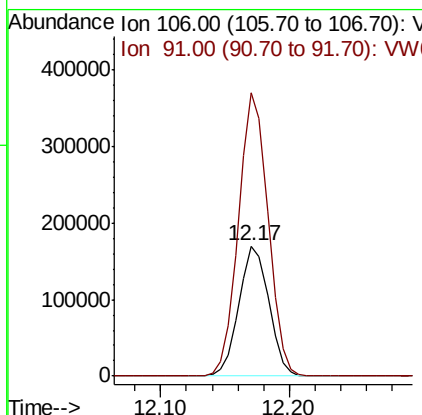
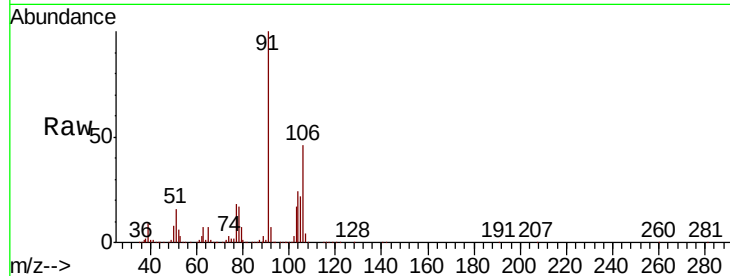
#69
o-Xylene
Concen: 19.79 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW004590.D
Acq: 10 Aug 2018 12:14

Instrument :
MSVOA_W
ClientSampleId :
VW0813SBSD01

Tot Ion	Ion	Ratio	Lower	Upper
106	106	100		
91	91	215.0	106.7	320.2

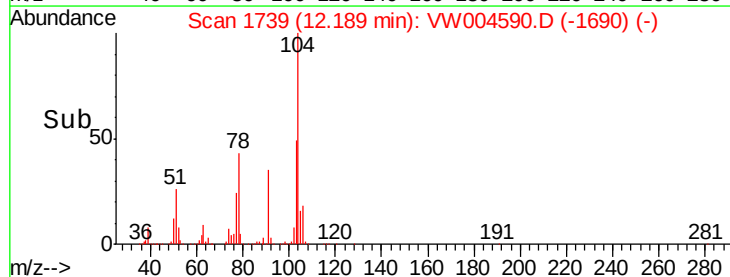
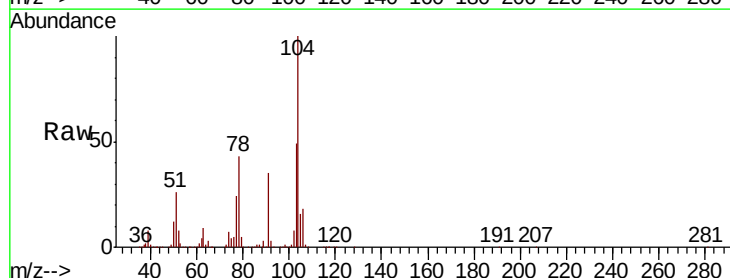
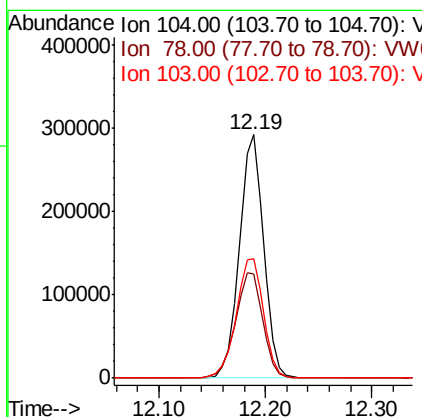
Manual Integrations
APPROVED

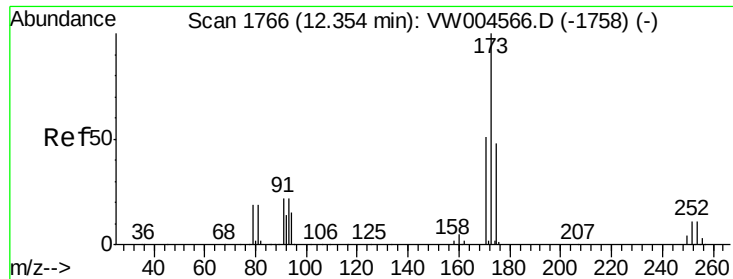
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#70
Styrene
Concen: 20.00 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW004590.D
Acq: 10 Aug 2018 12:14

Tgt Ion	Ion	Ratio	Lower	Upper
104	104	100		
78	78	49.0	39.0	58.4
103	103	55.2	44.2	66.2





#71

Bromoform

Concen: 16.94 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW004590.D

Acq: 10 Aug 2018 12:14

Instrument :

MSVOA_W

ClientSampleId :

VW0813SBSD01

Tot Ion:173 Resp: 72056

Ion Ratio Lower Upper

173 100

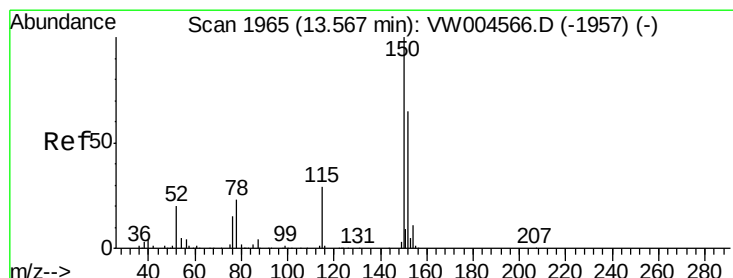
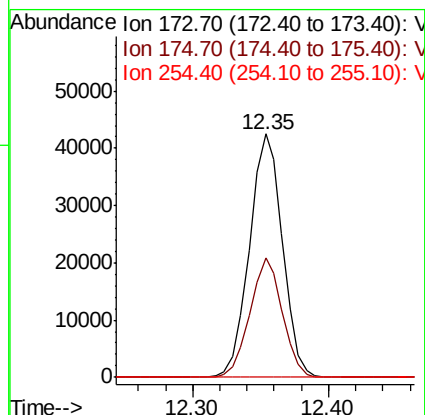
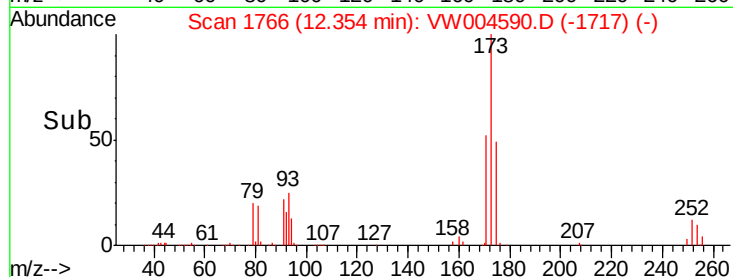
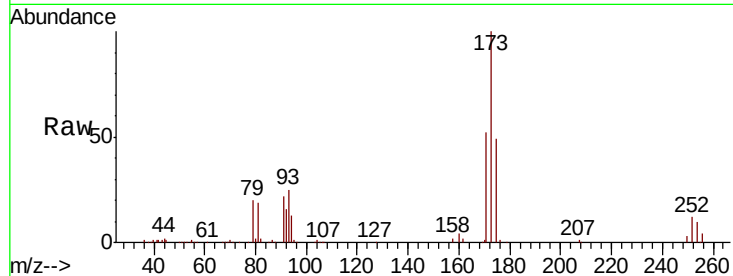
175 48.1 24.5 73.5

254 0.0 0.2 0.2#

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW004590.D

Acq: 10 Aug 2018 12:14

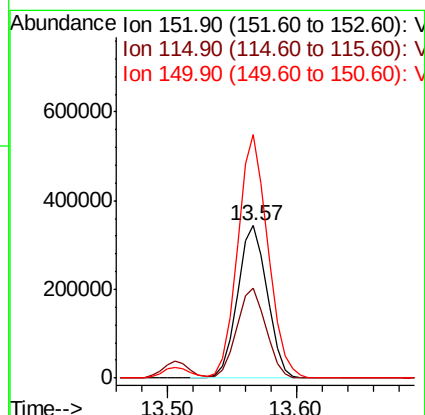
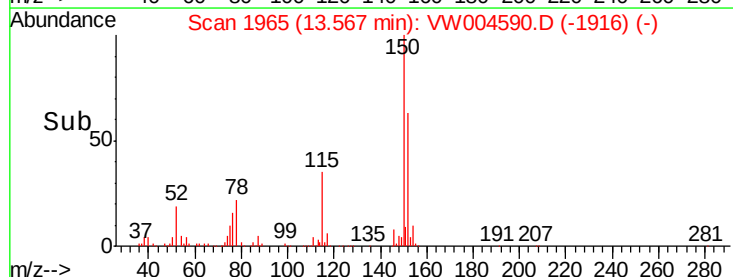
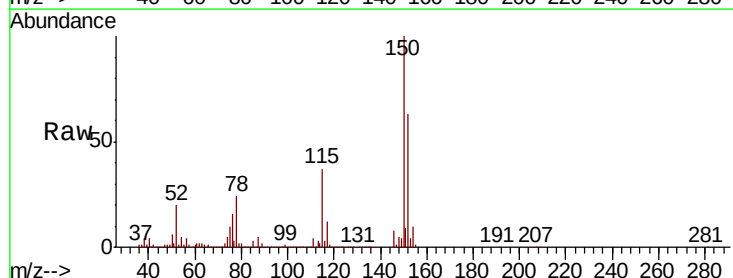
Tgt Ion:152 Resp: 547693

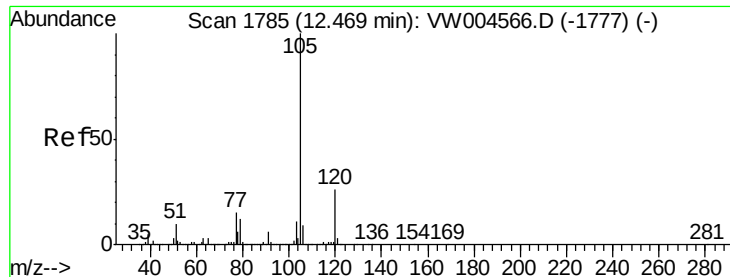
Ion Ratio Lower Upper

152 100

115 58.7 29.1 87.3

150 162.7 0.0 349.6





#73

Isopropylbenzene

Concen: 20.54 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW004590.D

Acq: 10 Aug 2018 12:14

Instrument :

MSVOA_W

ClientSampleId :

VW0813SBS01

Tot Ion: 105 Resp: 778289

Ion Ratio Lower Upper

105 100

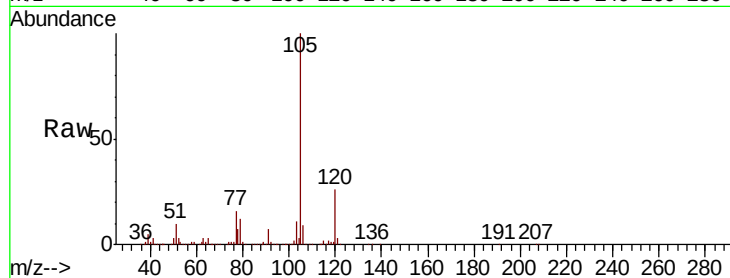
120 26.2 13.2 39.6

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.47

500000

400000

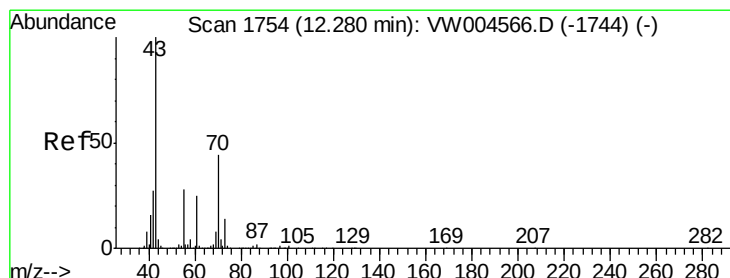
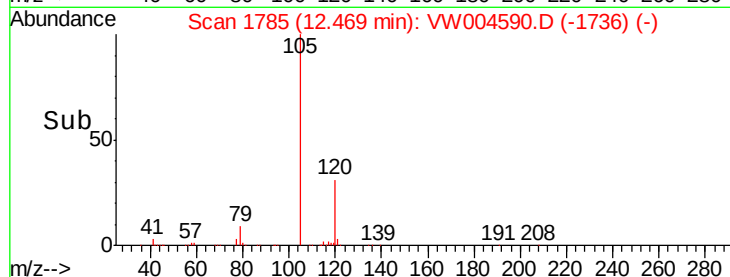
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 15.64 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW004590.D

Acq: 10 Aug 2018 12:14

Tgt Ion: 43 Resp: 143711

Ion Ratio Lower Upper

43 100

70 44.8 35.3 52.9

55 31.8 22.9 34.3

61 23.9 19.7 29.5

Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

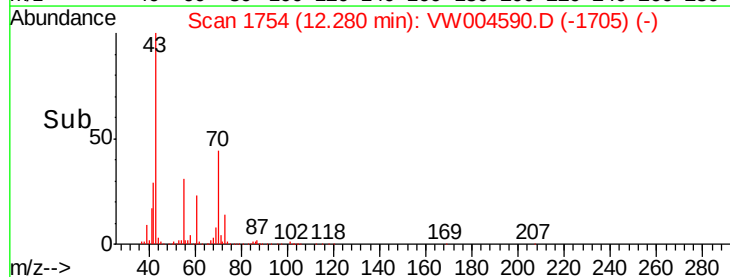
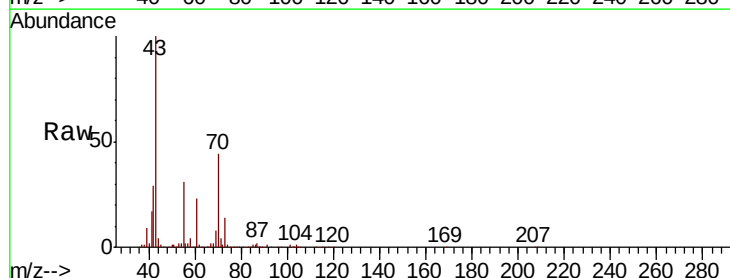
150000

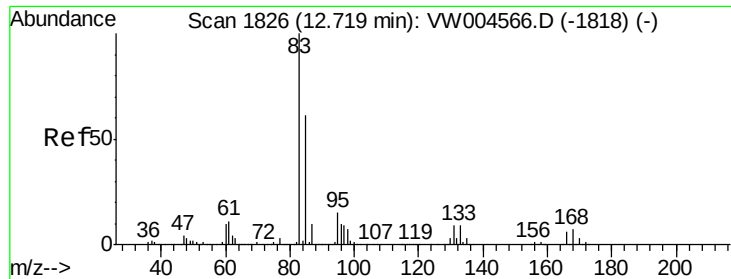
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 16.96 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW004590.D

Acq: 10 Aug 2018 12:14

Instrument :

MSVOA_W

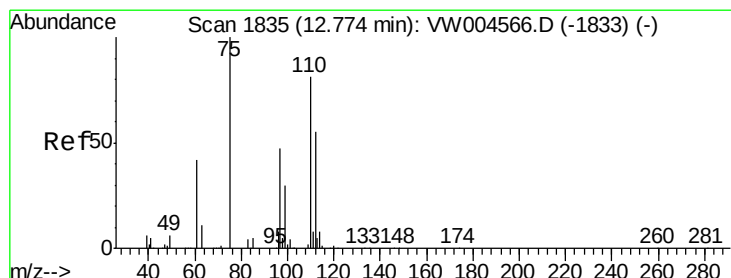
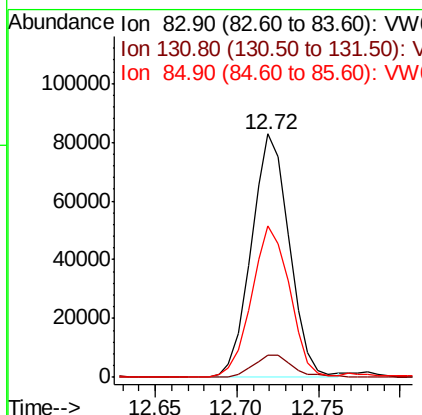
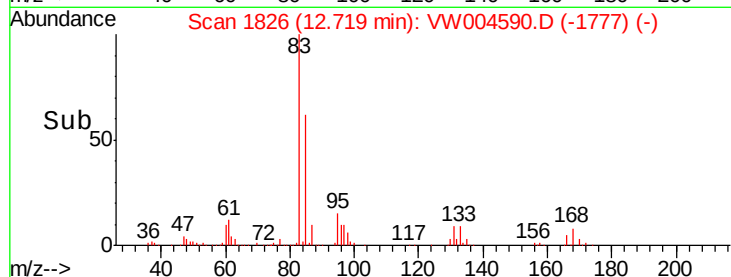
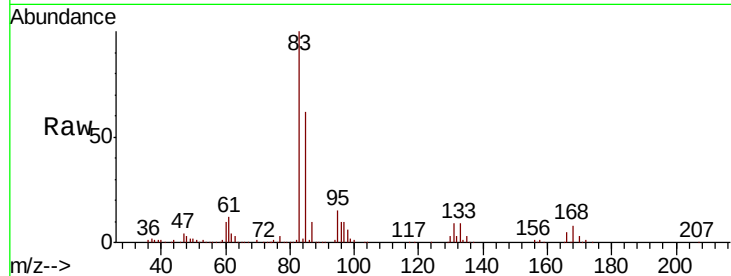
ClientSampleId :

VW0813SBS01

Tot Ion:	83	Resp:	134140
Ion Ratio	Lower	Upper	
83	100		
131	9.8	5.0	15.0
85	62.5	31.8	95.4

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#76

1,2,3-Trichloropropane

Concen: 19.20 ug/l m

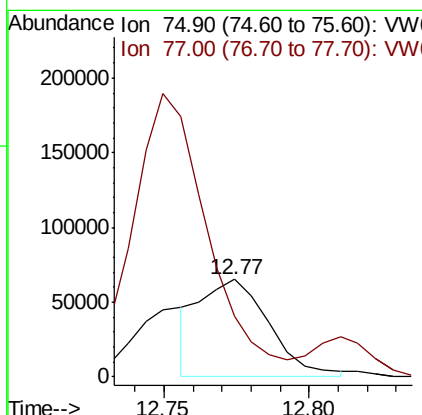
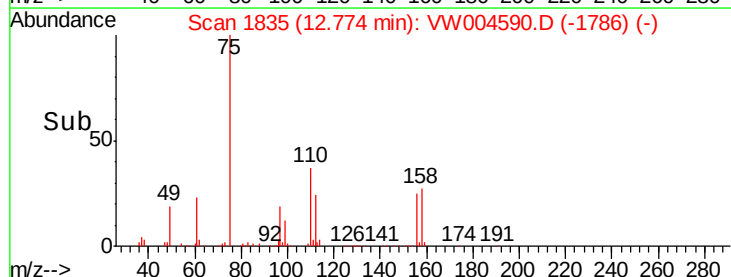
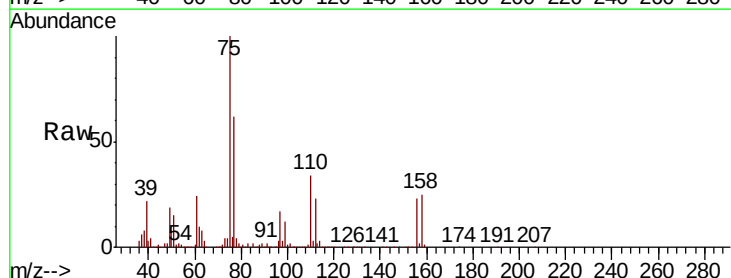
RT: 12.77 min Scan# 1835

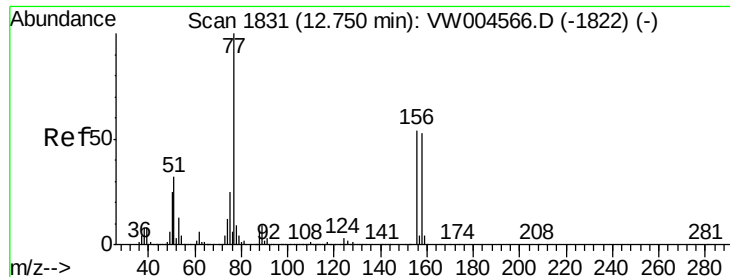
Delta R.T. 0.00 min

Lab File: VW004590.D

Acq: 10 Aug 2018 12:14

Tgt Ion:	75	Resp:	108793
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





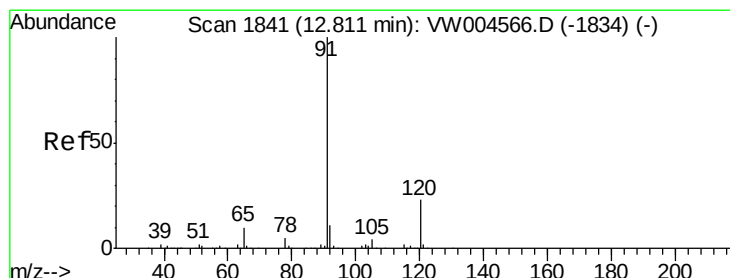
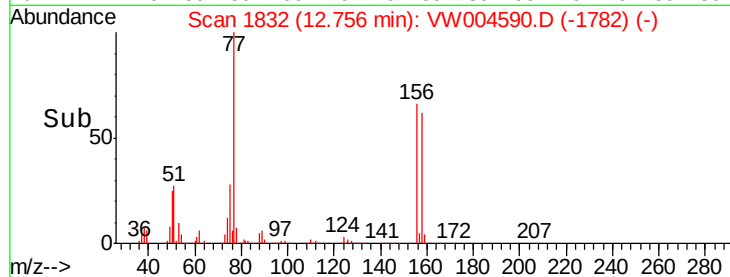
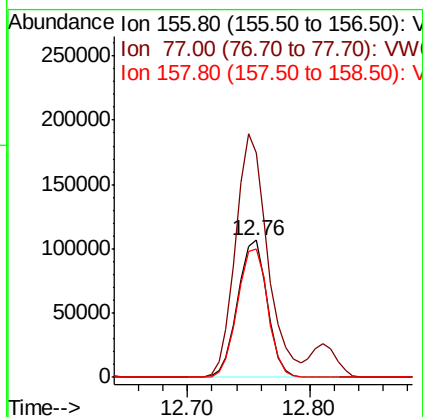
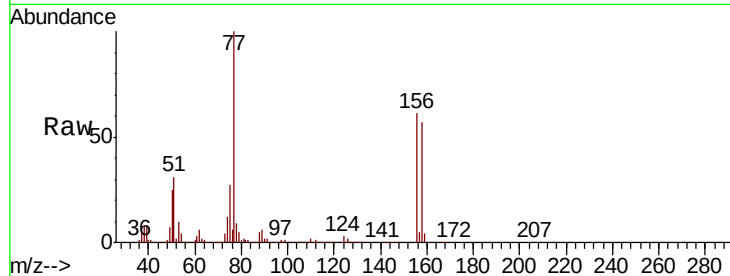
#77
Bromobenzene
Concen: 19.44 ug/l
RT: 12.76 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VW004590.D
Acq: 10 Aug 2018 12:14

Instrument :
MSVOA_W
ClientSampled :
VW0813BSD01

Tot Ion	Ratio	Lower	Upper
156	100		
77	192.5	98.7	296.1
158	96.1	48.7	146.1

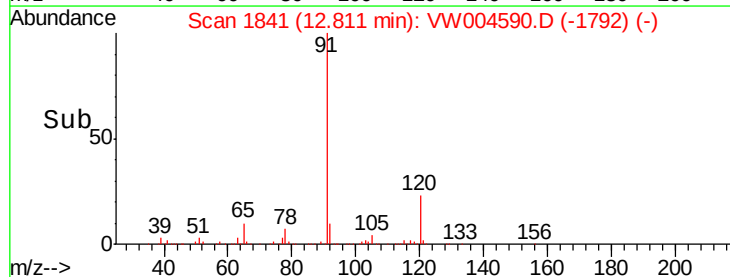
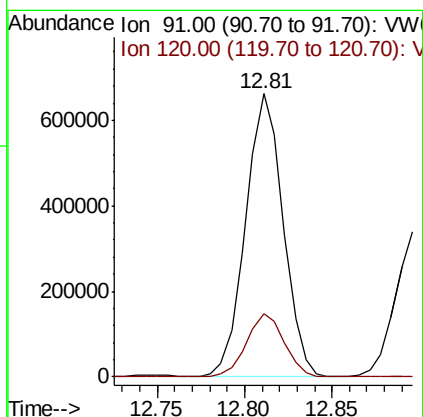
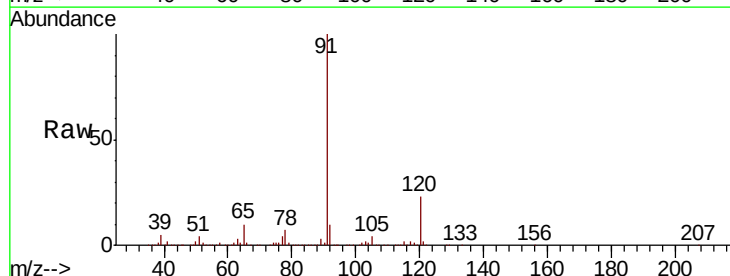
Manual Integrations
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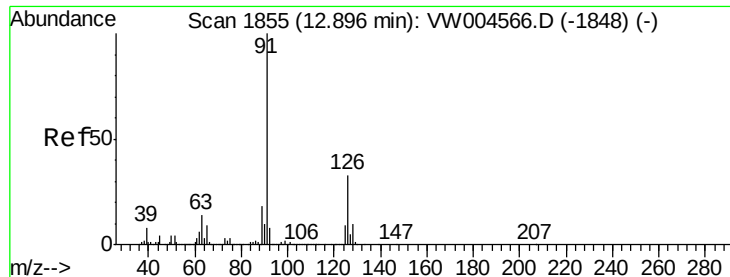
apatel
8/13/2018 12:57:14 PM



#78
n-propylbenzene
Concen: 21.03 ug/l
RT: 12.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VW004590.D
Acq: 10 Aug 2018 12:14

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.5	11.3	33.9





#79

2-Chlorotoluene

Concen: 20.46 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW004590.D

Acq: 10 Aug 2018 12:14

Instrument :

MSVOA_W

ClientSampleId :

VW0813SBSD01

Tot Ion: 91 Resp: 553609

Ion Ratio Lower Upper

91 100

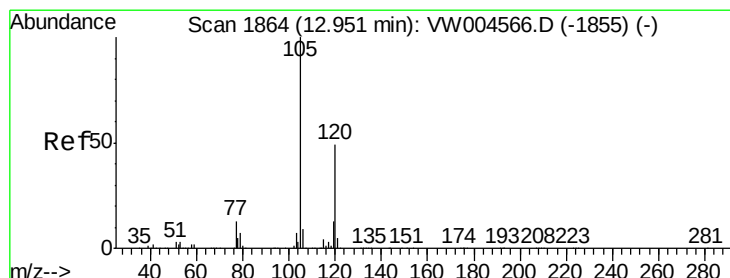
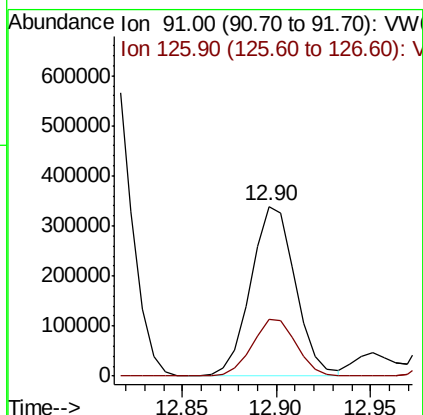
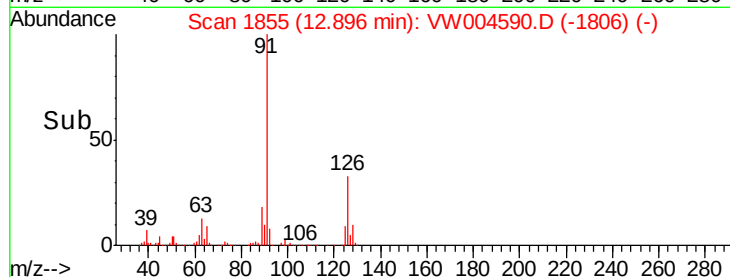
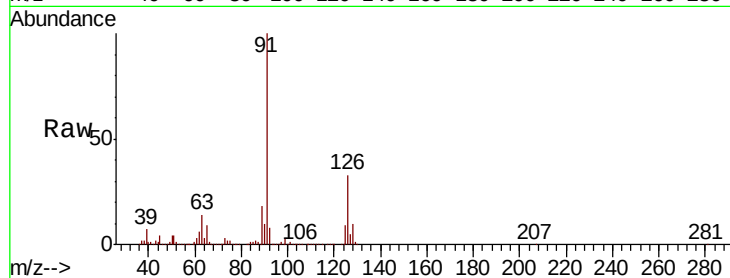
126 33.2 16.6 49.8

Manual Integrations

APPROVED

apatel

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#80

1,3,5-Trimethylbenzene

Concen: 20.90 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW004590.D

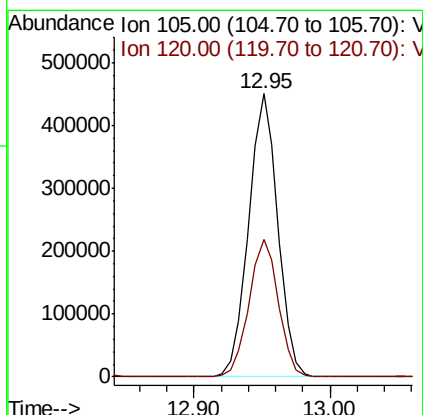
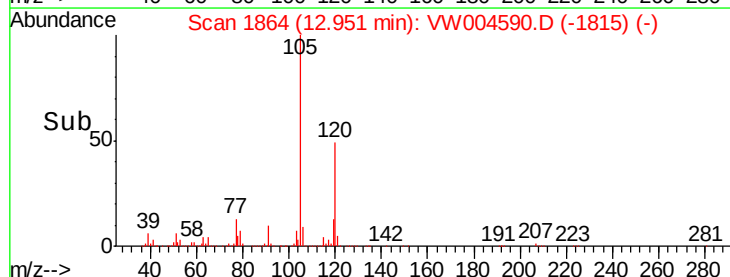
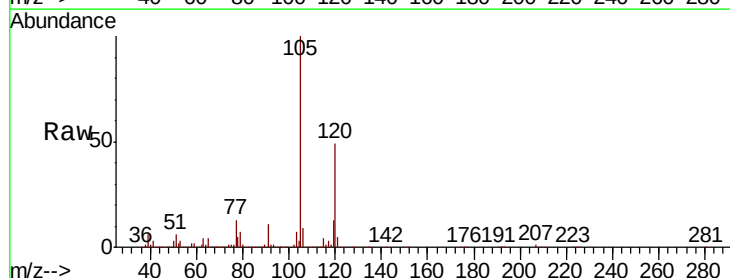
Acq: 10 Aug 2018 12:14

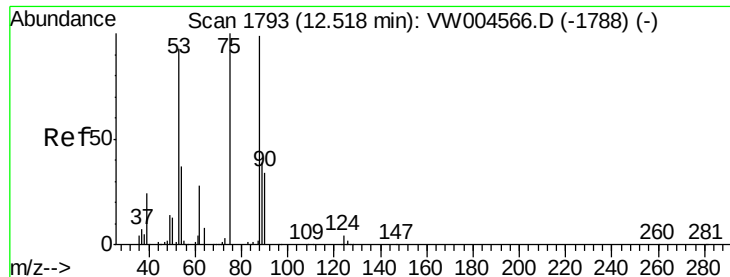
Tgt Ion:105 Resp: 675560

Ion Ratio Lower Upper

105 100

120 49.0 24.6 73.8





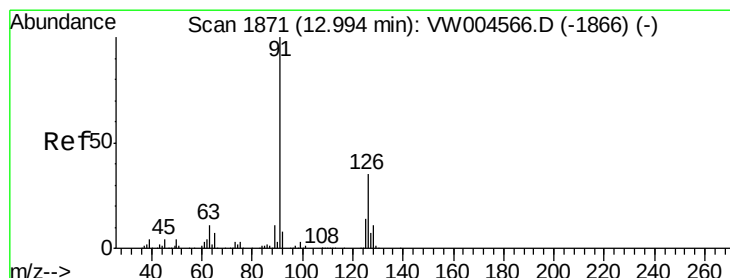
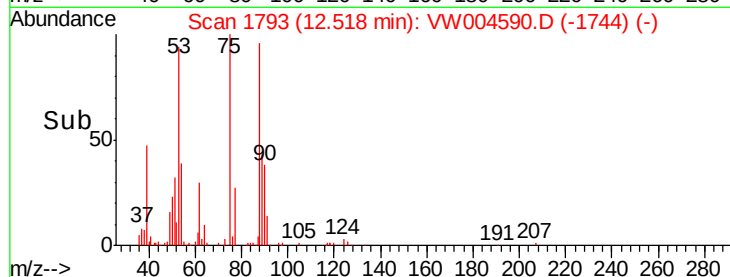
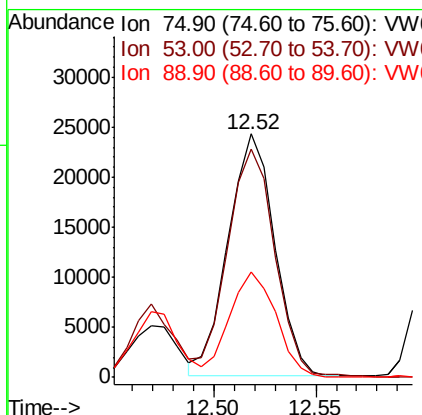
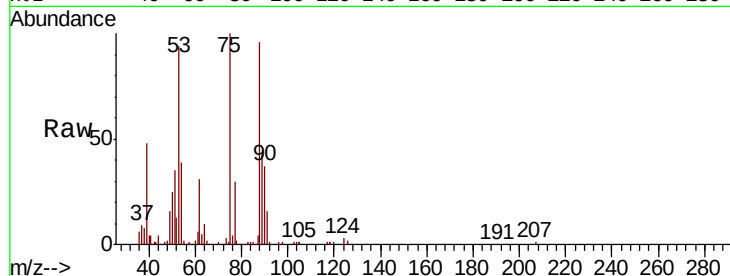
#81
trans-1,4-Dichloro-2-butene
Concen: 16.19 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VW004590.D
Acq: 10 Aug 2018 12:14

Instrument :
MSVOA_W
ClientSampleId :
VW0813SBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	96.4	74.4	111.6
89	43.3	35.9	53.9

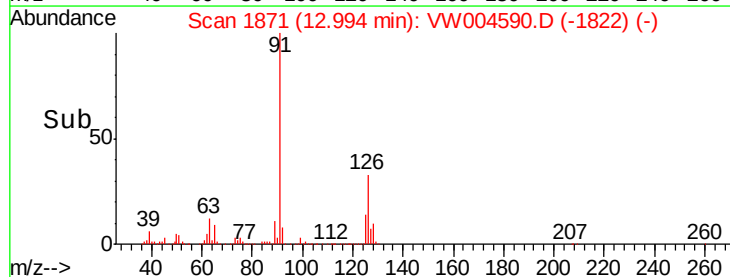
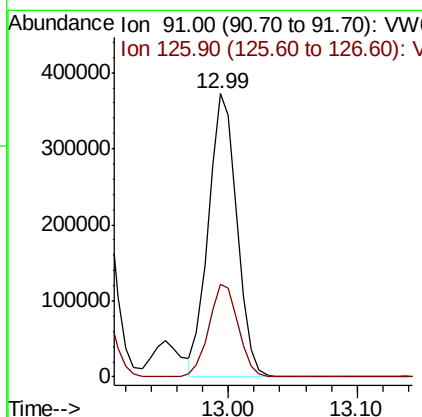
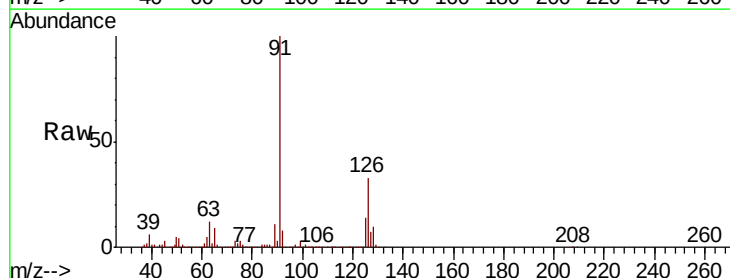
Manual Integrations
APPROVED

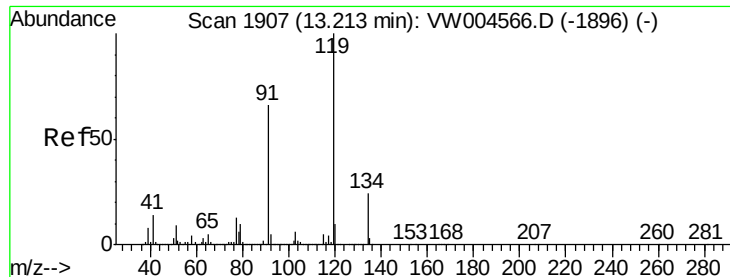
apatel
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#82
4-Chlorotoluene
Concen: 20.06 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. 0.00 min
Lab File: VW004590.D
Acq: 10 Aug 2018 12:14

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.9	16.5	49.5





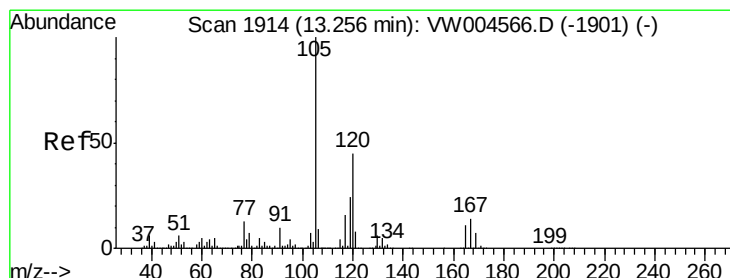
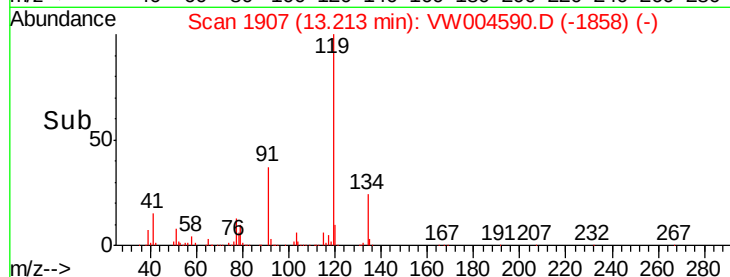
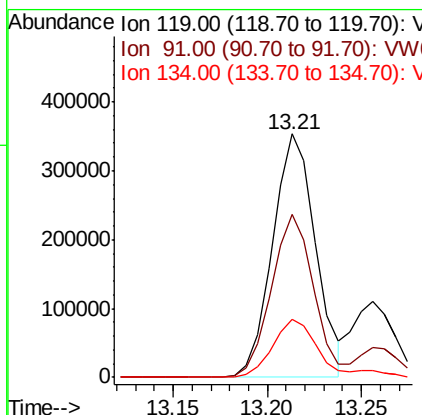
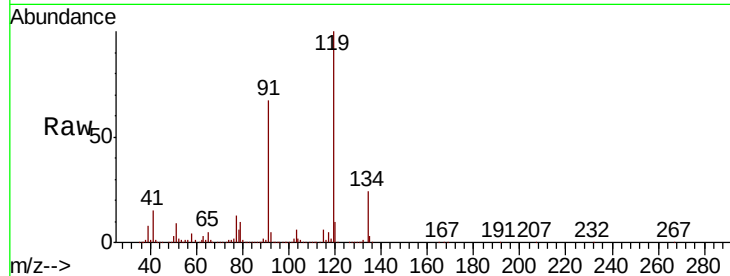
#83
 tert-Butylbenzene
 Concen: 20.63 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VW004590.D
 Acq: 10 Aug 2018 12:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0813BSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	559299		
91	66.1		33.3	99.8
134	24.1		12.2	36.6

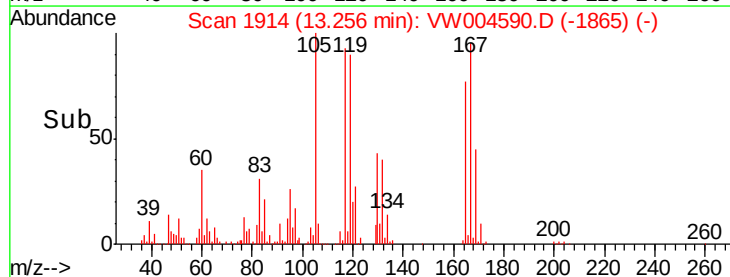
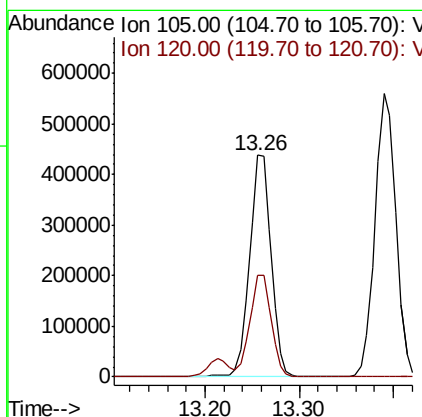
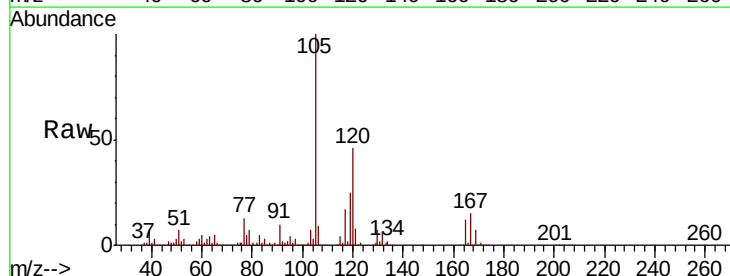
Manual Integrations
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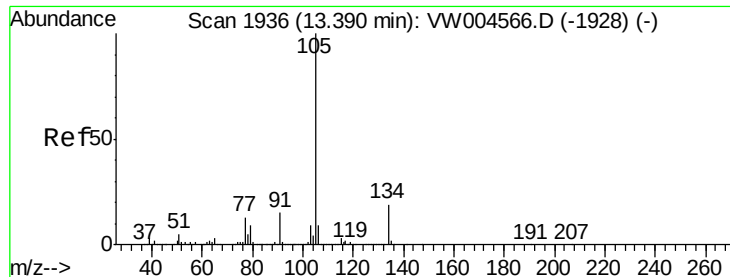
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.81 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. 0.00 min
 Lab File: VW004590.D
 Acq: 10 Aug 2018 12:14

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	696195		
120	45.3		22.6	67.8





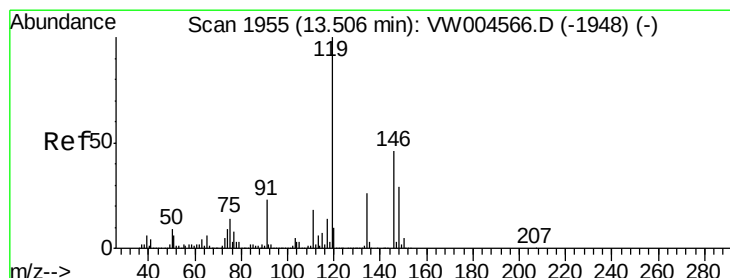
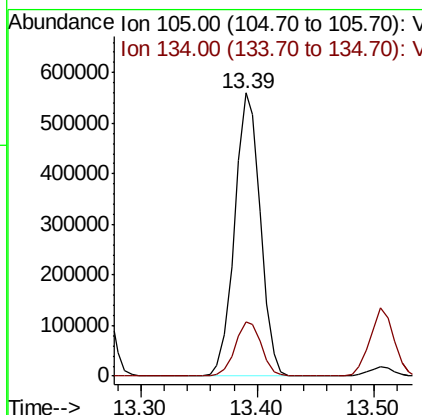
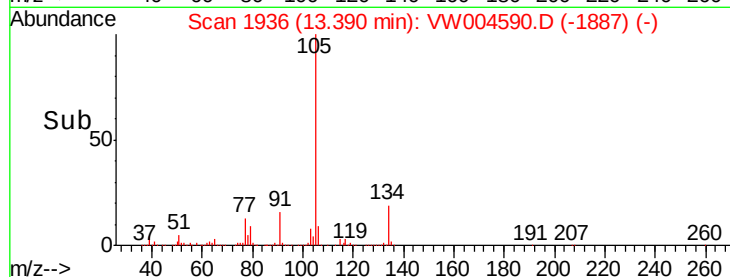
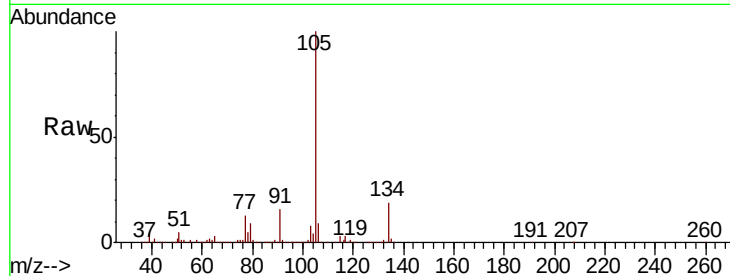
#85
 sec-Butylbenzene
 Concen: 21.00 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: VW004590.D
 Acq: 10 Aug 2018 12:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0813SBSD01

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.6	9.8	29.5

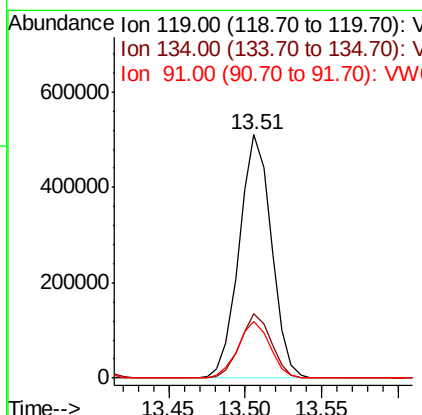
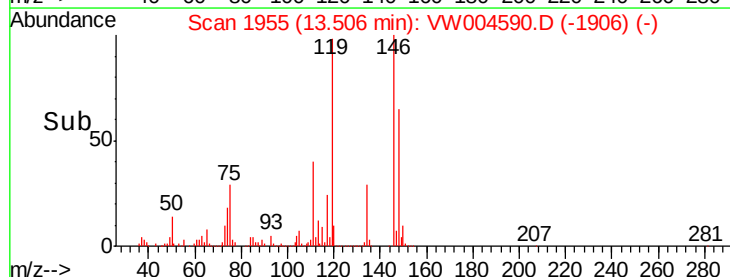
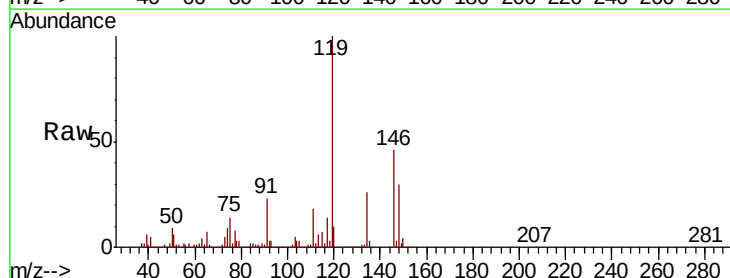
Manual Integrations
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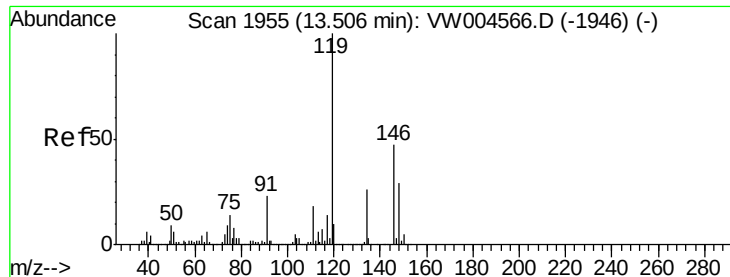
apatel
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#86
 p-Isopropyltoluene
 Concen: 21.02 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW004590.D
 Acq: 10 Aug 2018 12:14

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.8	13.1	39.1
91	23.2	11.4	34.1





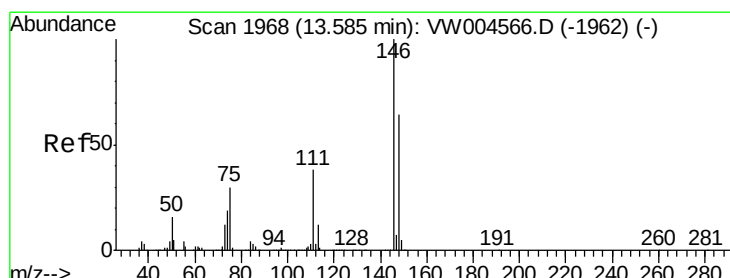
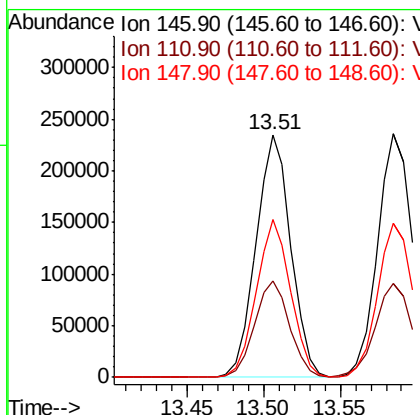
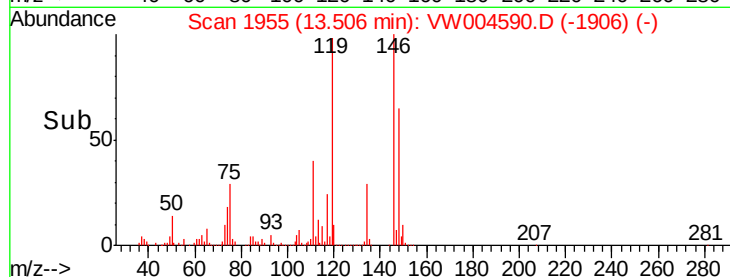
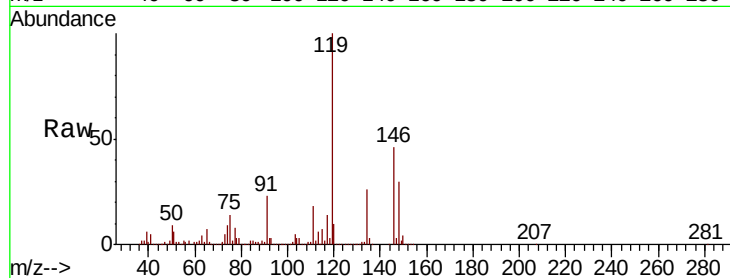
#87
 1,3-Dichlorobenzene
 Concen: 19.74 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW004590.D
 Acq: 10 Aug 2018 12:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0813BSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	20.0	59.9
148	63.9	31.7	95.1

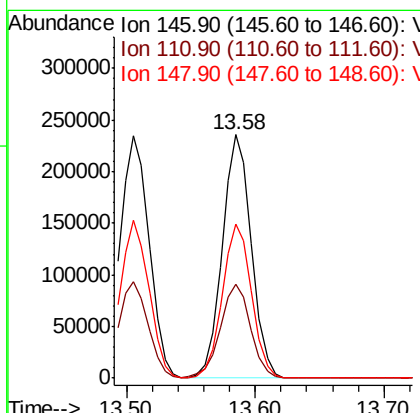
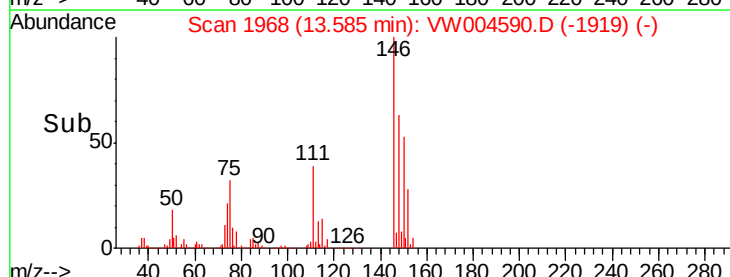
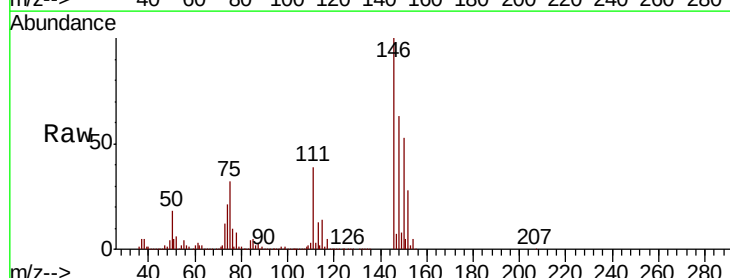
Manual Integrations
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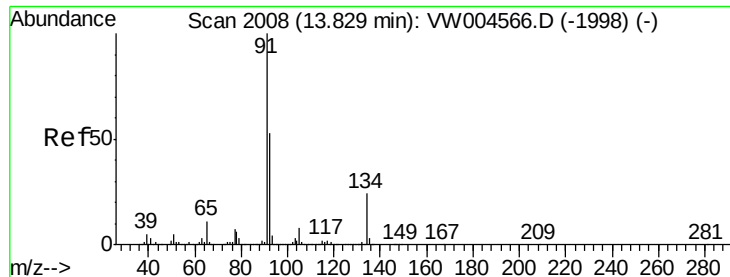
apatel
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#88
 1,4-Dichlorobenzene
 Concen: 19.72 ug/l
 RT: 13.58 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW004590.D
 Acq: 10 Aug 2018 12:14

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.4	19.6	58.8
148	63.9	31.9	95.5





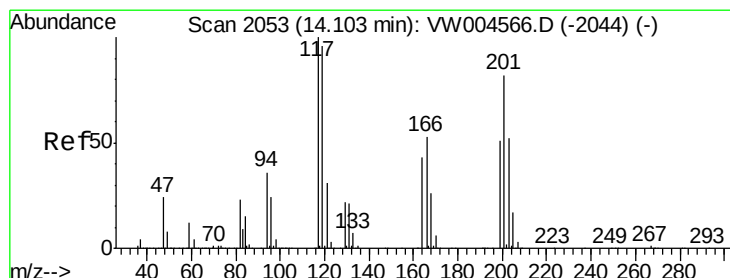
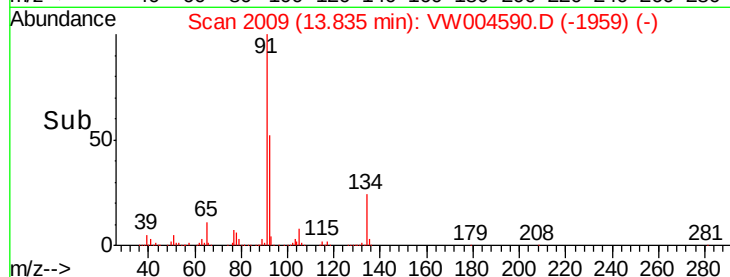
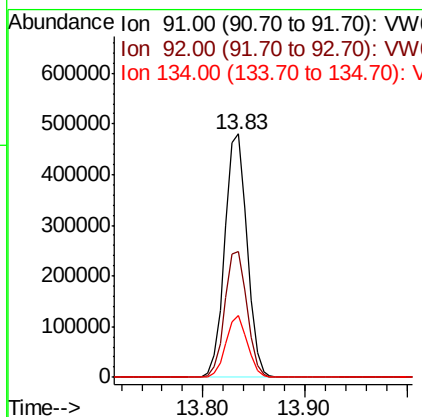
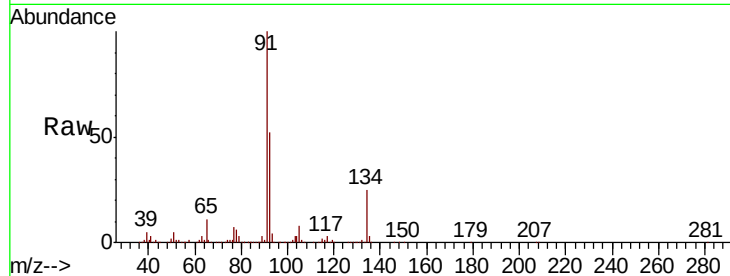
#89
n-Butylbenzene
Concen: 20.79 ug/l
RT: 13.83 min Scan# 2009
Delta R.T. 0.01 min
Lab File: VW004590.D
Acq: 10 Aug 2018 12:14

Instrument :
MSVOA_W
ClientSampleId :
VW0813SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.8	26.4	79.0
134	24.4	12.4	37.2

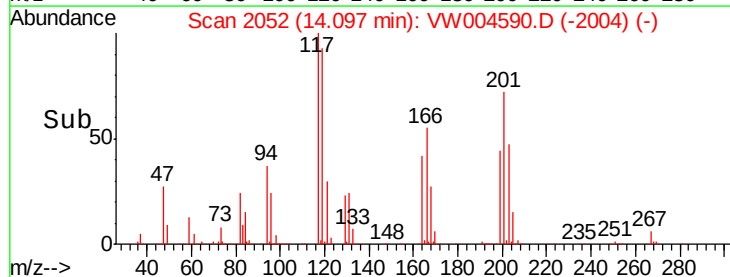
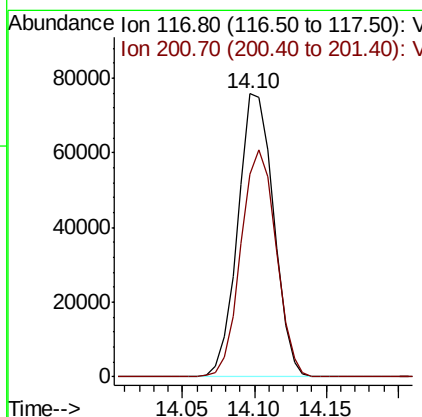
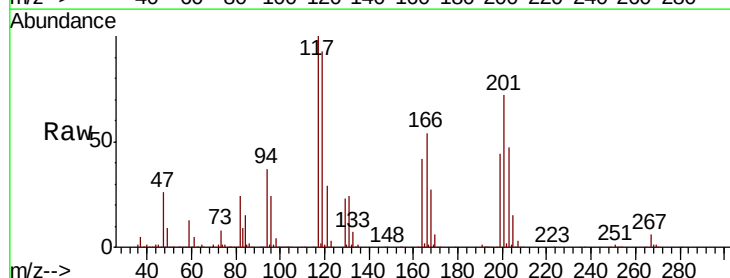
Manual Integrations
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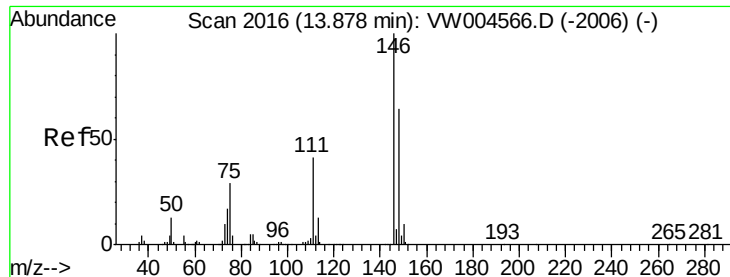
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#90
Hexachloroethane
Concen: 19.97 ug/l
RT: 14.10 min Scan# 2052
Delta R.T. -0.01 min
Lab File: VW004590.D
Acq: 10 Aug 2018 12:14

Tgt Ion	Ratio	Lower	Upper
117	100		
201	78.8	40.1	120.3





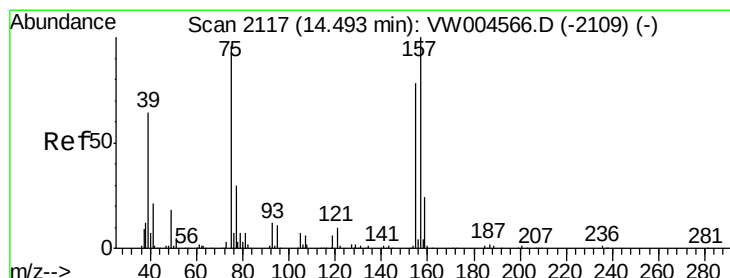
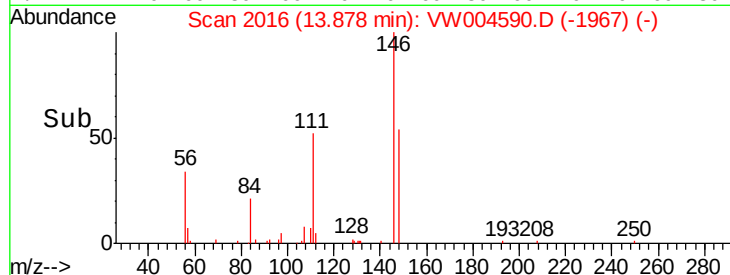
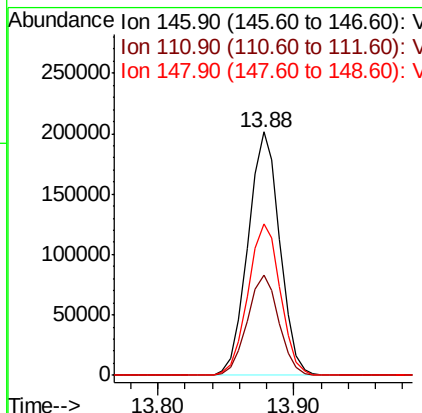
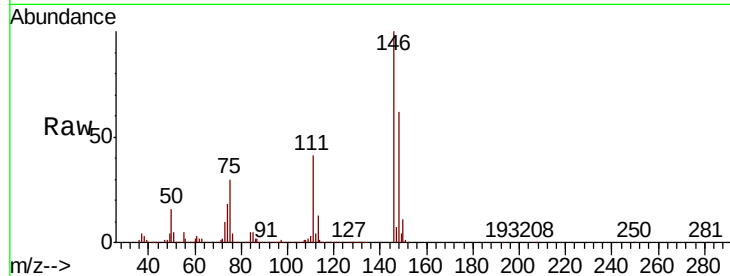
#91
 1,2-Dichlorobenzene
 Concen: 19.22 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW004590.D
 Acq: 10 Aug 2018 12:14

Instrument :
 MSVOA_W
 ClientSampleID :
 VW0813SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	329237		
111	40.9		20.8	62.2
148	63.3		31.8	95.4

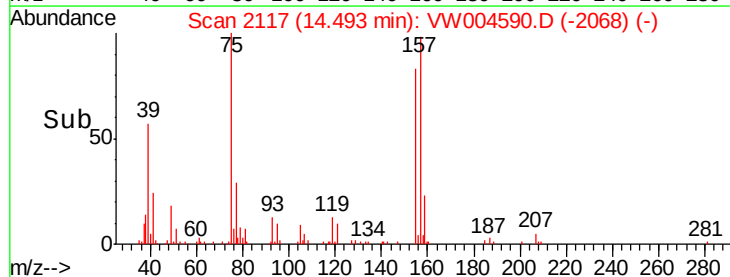
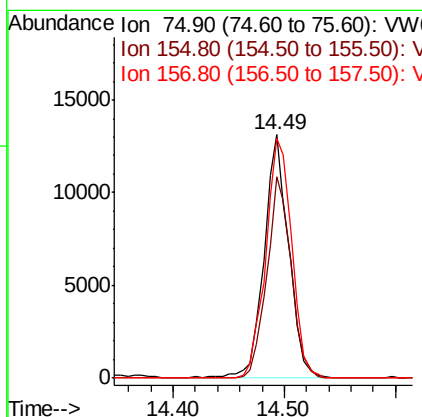
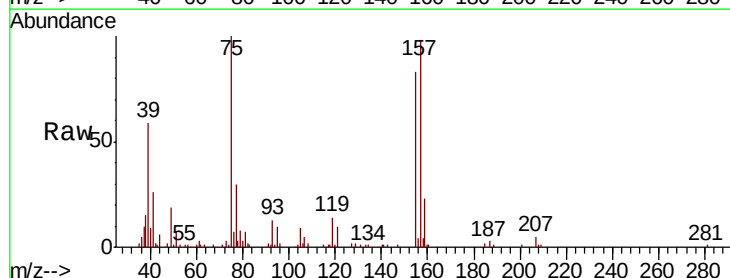
Manual Integrations
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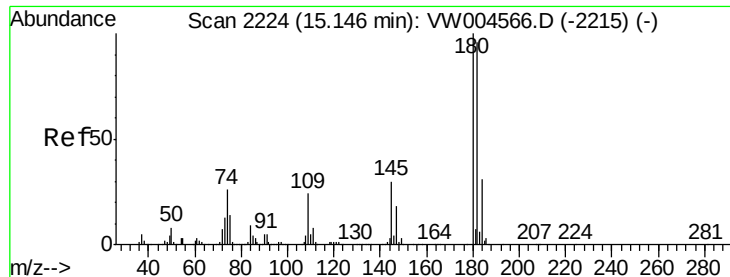
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 8/13/2018 12:57:14 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 15.71 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VW004590.D
 Acq: 10 Aug 2018 12:14

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	20295		
155	80.9		41.3	123.7
157	103.5		52.6	157.8





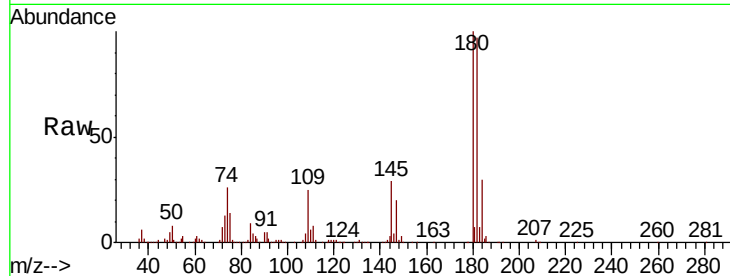
#93
 1,2,4-Trichlorobenzene
 Concen: 19.22 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW004590.D
 Acq: 10 Aug 2018 12:14

Instrument :
 MSVOA_W
 ClientSampled :
 VW0813SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	228002		
182	94.8	47.9	143.6	
145	29.5	14.9	44.9	

Manual Integrations
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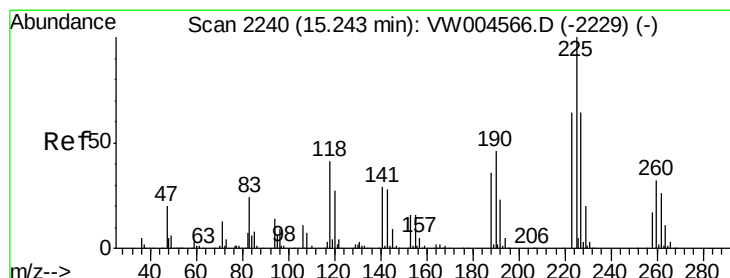
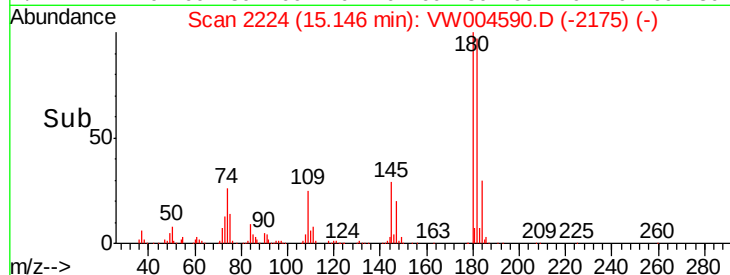
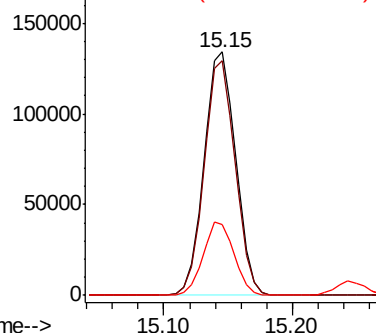


Abundance

Ion 179.80 (179.50 to 180.50): V

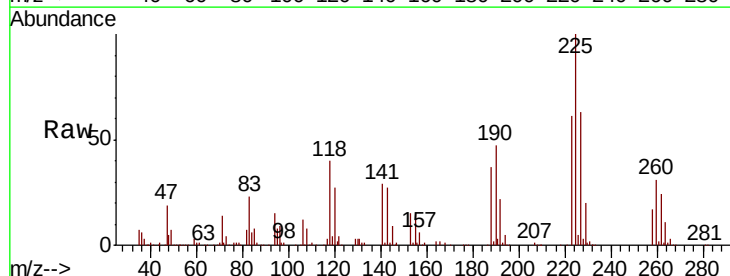
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 20.76 ug/l
 RT: 15.24 min Scan# 2240
 Delta R.T. 0.00 min
 Lab File: VW004590.D
 Acq: 10 Aug 2018 12:14

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	143375		
223	61.9	31.3	93.8	
227	64.0	31.8	95.4	

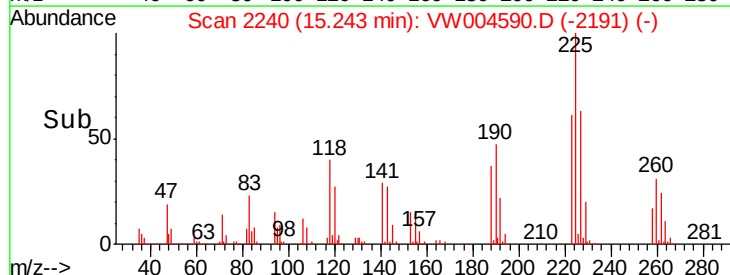
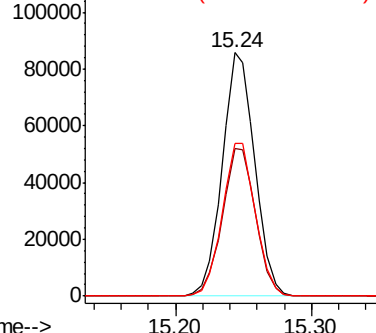


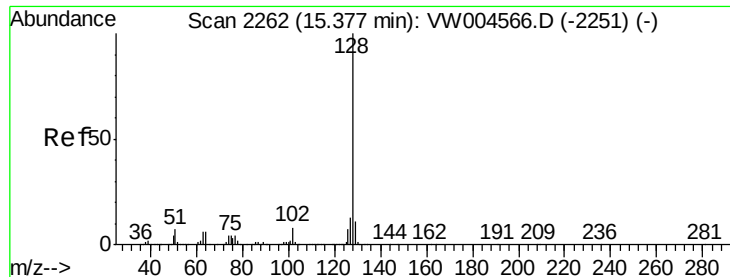
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





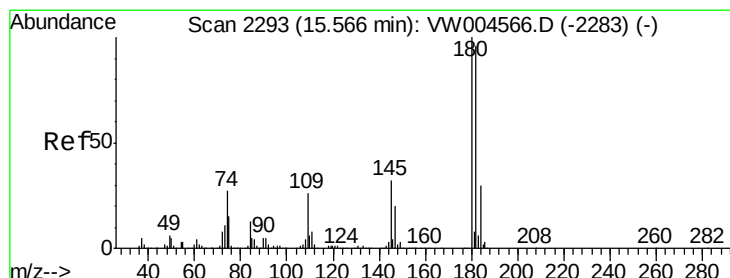
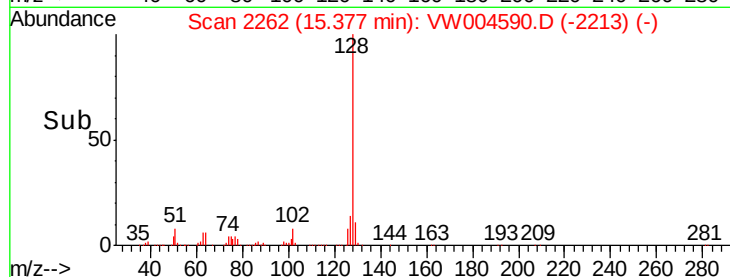
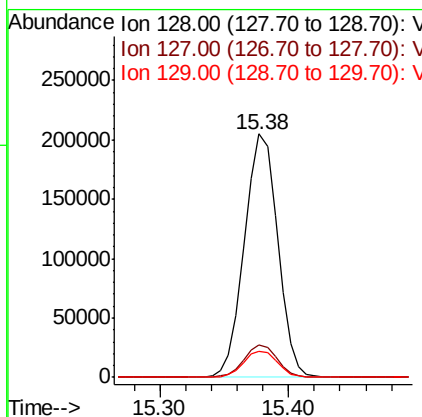
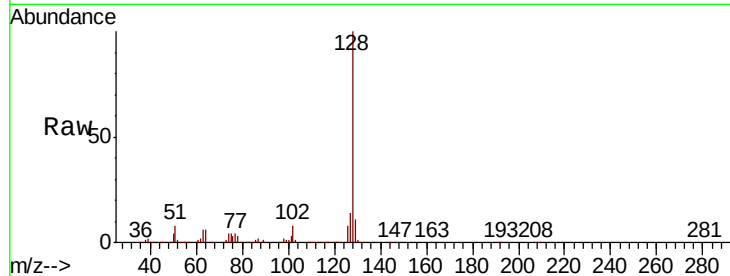
#95
Naphthalene
Concen: 17.03 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW004590.D
Acq: 10 Aug 2018 12:14

Instrument :
MSVOA_W
ClientSampleId :
VW0813SBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.3	15.5
129	11.0	8.6	13.0

Manual Integrations
APPROVED

apatel
8/13/2018 12:57:14 PM



#96
1,2,3-Trichlorobenzene
Concen: 18.62 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VW004590.D
Acq: 10 Aug 2018 12:14

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	47.0	141.2
145	32.3	15.9	47.6

