

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW073018\
 Data File : VW004314.D
 Acq On : 29 Jul 2018 14:47
 Operator : SY/AP
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW073018

Manual Integrations
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 7/30/2018 10:32:48 AM

Quant Time: Jul 30 04:42:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W073018S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 30 02:37:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	180176	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	262941	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	232210	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	127116	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	87165	47.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.92%	
35) Dibromofluoromethane	7.88	113	82316	49.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.08%	
50) Toluene-d8	10.33	98	325380	49.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.10%	
62) 4-Bromofluorobenzene	12.62	95	118557	51.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	47566	70.94	ug/l	100
3) Chloromethane	2.21	50	72543	81.88	ug/l	97
4) Vinyl Chloride	2.36	62	108317	76.20	ug/l	100
5) Bromomethane	2.78	94	83090	84.88	ug/l	99
6) Chloroethane	2.92	64	73443	74.49	ug/l	96
7) Trichlorofluoromethane	3.25	101	51729	53.91	ug/l	99
8) Diethyl Ether	3.67	74	56811	79.62	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.06	101	76698	45.48	ug/l	93
10) Methyl Iodide	4.26	142	128959	49.30	ug/l	99
11) Tert butyl alcohol	5.17	59	30048	251.05	ug/l	100
12) 1,1-Dichloroethene	4.03	96	80109	46.67	ug/l	96
13) Acrolein	3.89	56	23755	213.80	ug/l	97
14) Allyl chloride	4.66	41	113556	39.33	ug/l	91
15) Acrylonitrile	5.36	53	85393	212.40	ug/l	98
16) Acetone	4.12	43	90359	207.81	ug/l	96
17) Carbon Disulfide	4.37	76	242360	44.47	ug/l	100
18) Methyl Acetate	4.67	43	40206	39.95	ug/l #	90
19) Methyl tert-butyl Ether	5.42	73	156137	48.88	ug/l	95
20) Methylene Chloride	4.91	84	81140	46.51	ug/l	86
21) trans-1,2-Dichloroethene	5.42	96	85589	46.54	ug/l	92
22) Diisopropyl ether	6.32	45	216589	39.70	ug/l #	93
23) Vinyl Acetate	6.26	43	668694	211.26	ug/l #	94
24) 1,1-Dichloroethane	6.21	63	144494	43.26	ug/l	99
25) 2-Butanone	7.17	43	107687	213.34	ug/l	92
26) 2,2-Dichloropropane	7.17	77	91785	45.03	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	92815	47.43	ug/l	95
28) Bromochloromethane	7.51	49	44555	36.18	ug/l #	76
29) Tetrahydrofuran	7.53	42	67648	194.78	ug/l #	88
30) Chloroform	7.68	83	156719	46.70	ug/l	99
31) Cyclohexane	7.95	56	125507	40.45	ug/l	91
32) 1,1,1-Trichloroethane	7.87	97	131905	47.86	ug/l	97
36) 1,1-Dichloropropene	8.09	75	123898	47.10	ug/l	97
37) Ethyl Acetate	7.26	43	47929	44.46	ug/l #	97
38) Carbon Tetrachloride	8.07	117	129799	49.97	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	152230	48.03	ug/l	94
40) Benzene	8.32	78	343393	46.41	ug/l	99
41) Methacrylonitrile	7.49	41	29389	41.94	ug/l	92
42) 1,2-Dichloroethane	8.40	62	104068	49.19	ug/l	99
43) Isopropyl Acetate	8.43	43	92275	47.50	ug/l	97
44) Trichloroethene	9.09	130	100704	50.41	ug/l	96
45) 1,2-Dichloropropane	9.37	63	78510	42.76	ug/l	94
46) Dibromomethane	9.46	93	44864	47.85	ug/l	92
47) Bromodichloromethane	9.65	83	116404	48.95	ug/l	99
48) Methyl methacrylate	9.44	41	45255	45.74	ug/l	88
49) 1,4-Dioxane	9.45	88	15539	1093.20	ug/l	87
51) 4-Methyl-2-Pentanone	10.21	43	234204	219.66	ug/l	95
52) Toluene	10.39	92	227174	48.90	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	118743	49.85	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	135664	48.85	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	64492	48.27	ug/l	92
56) Ethyl methacrylate	10.65	69	83478	51.64	ug/l	93
57) 1,3-Dichloropropane	10.94	76	107122	47.06	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	168317	234.37	ug/l	91
59) 2-Hexanone	10.98	43	159592	217.99	ug/l	92
60) Dibromochloromethane	11.13	129	81020	50.68	ug/l	100
61) 1,2-Dibromoethane	11.24	107	63186	49.60	ug/l	99
64) Tetrachloroethene	10.87	164	87561	51.47	ug/l	96
65) Chlorobenzene	11.66	112	246647	50.57	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.74	131	90195	52.44	ug/l	97
67) Ethyl Benzene	11.74	91	421316	49.56	ug/l	98
68) m/p-Xylenes	11.85	106	335132	102.45	ug/l	98
69) o-Xylene	12.17	106	152509	50.46	ug/l	98
70) Styrene	12.19	104	263945	51.69	ug/l	99
71) Bromoform	12.35	173	52956	54.93	ug/l #	99
73) Isopropylbenzene	12.47	105	439719	49.89	ug/l	98
74) N-amyl acetate	12.28	43	82234	39.42	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.72	83	71293	46.17	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	49752m	42.89	ug/l	
77) Bromobenzene	12.76	156	109373	51.36	ug/l	91
78) n-propylbenzene	12.81	91	533094	49.65	ug/l	97
79) 2-Chlorotoluene	12.90	91	296672	48.31	ug/l	97
80) 1,3,5-Trimethylbenzene	12.95	105	386667	50.92	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	23487	47.11	ug/l	97
82) 4-Chlorotoluene	12.99	91	325668	50.11	ug/l	99
83) tert-Butylbenzene	13.21	119	323055	51.07	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	398069	51.40	ug/l	99
85) sec-Butylbenzene	13.39	105	474364	51.34	ug/l	99
86) p-Isopropyltoluene	13.51	119	427650	51.53	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	218447	51.25	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	216182	50.83	ug/l	97
89) n-Butylbenzene	13.83	91	378362	48.82	ug/l	98
90) Hexachloroethane	14.10	117	72959	49.29	ug/l	92
91) 1,2-Dichlorobenzene	13.88	146	192818	50.53	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	13795	51.18	ug/l	94

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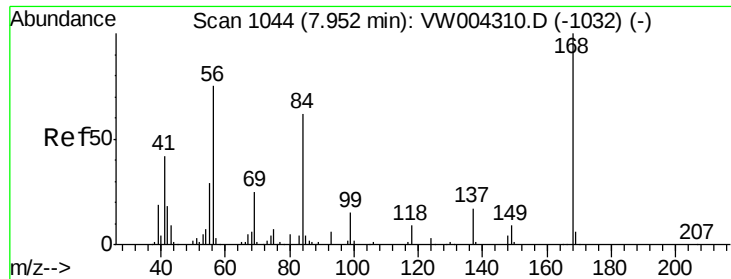
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	144821	54.05	ug/l	100
94) Hexachlorobutadiene	15.24	225	86236	52.68	ug/l	97
95) Naphthalene	15.38	128	254667	55.25	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	125612	53.58	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW004314.D

Acq: 29 Jul 2018 14:47

Instrument :

MSVOA_W

ClientSampleId :

ICVW073018

Tot Ion:168 Resp: 180176

Ion Ratio Lower Upper

168 100

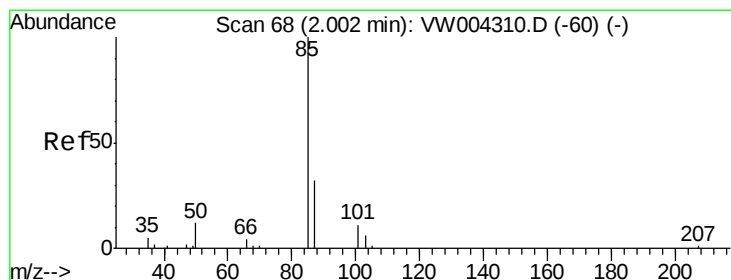
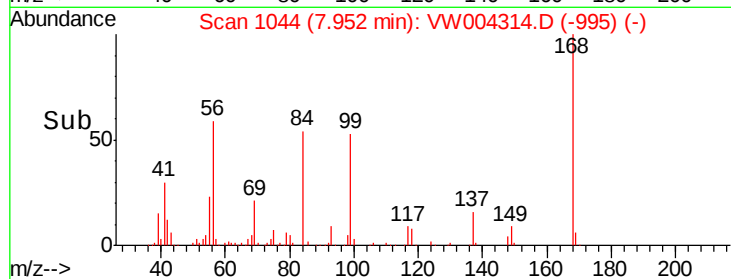
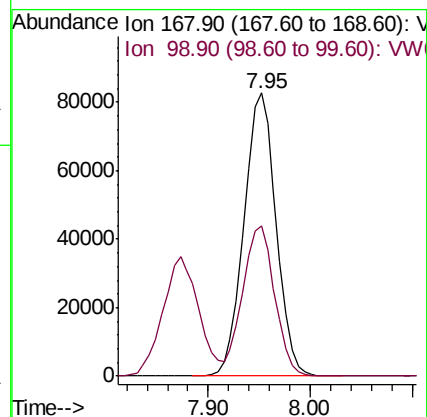
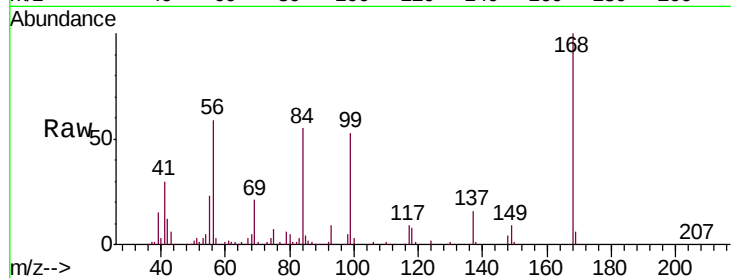
99 53.2 45.0 67.4

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#2

Dichlorodifluoromethane

Concen: 70.94 ug/l

RT: 2.00 min Scan# 68

Delta R.T. 0.00 min

Lab File: VW004314.D

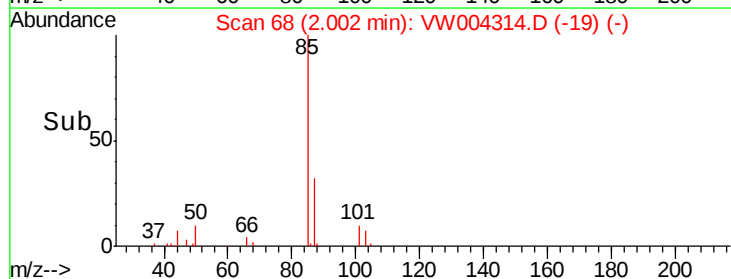
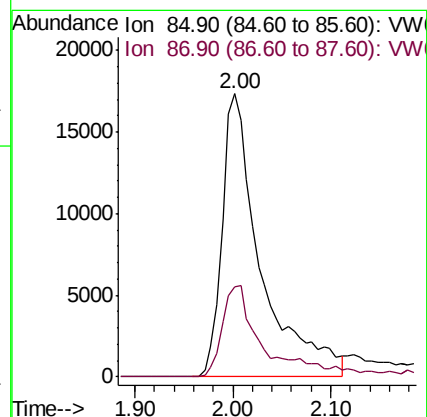
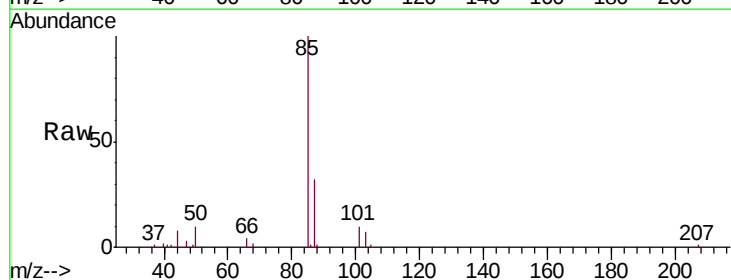
Acq: 29 Jul 2018 14:47

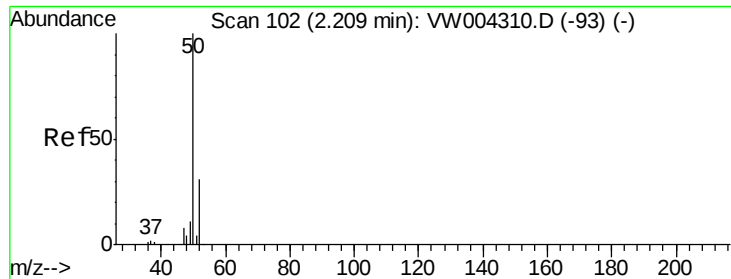
Tgt Ion: 85 Resp: 47566

Ion Ratio Lower Upper

85 100

87 31.8 15.9 47.7





#3

Chloromethane

Concen: 81.88 ug/l

RT: 2.21 min Scan# 102

Delta R.T. -0.00 min

Lab File: VW004314.D

Acq: 29 Jul 2018 14:47

Instrument :

MSVOA_W

ClientSampleId :

ICVW073018

Tot Ion: 50 Resp: 72543

Ion Ratio Lower Upper

50 100

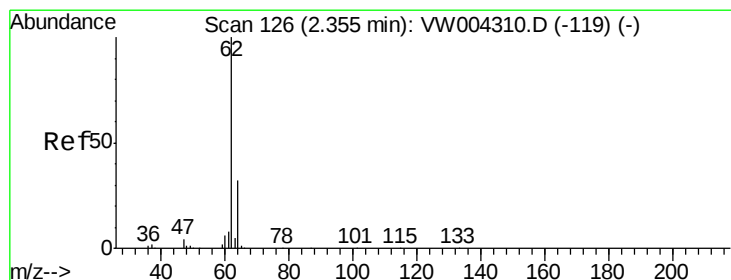
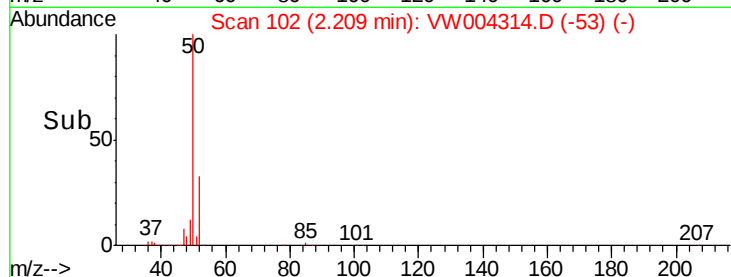
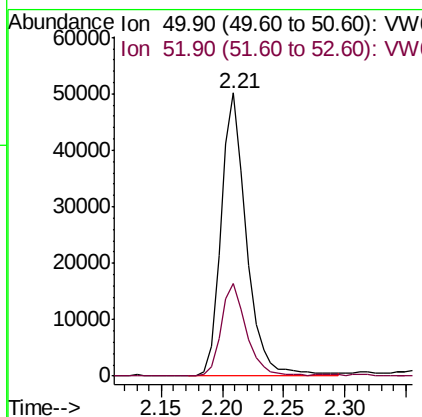
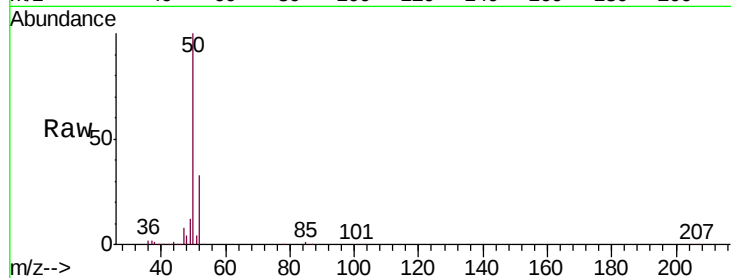
52 32.7 24.8 37.2

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#4

Vinyl Chloride

Concen: 76.20 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW004314.D

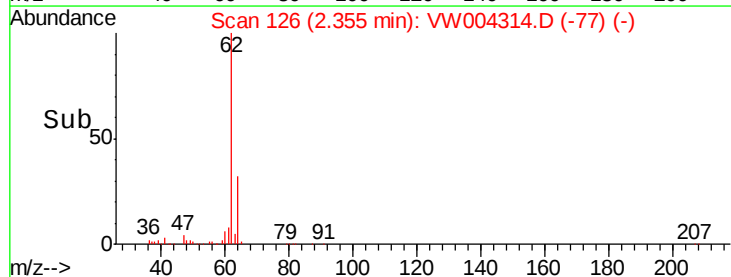
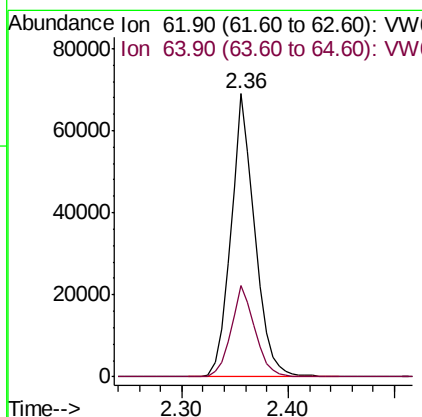
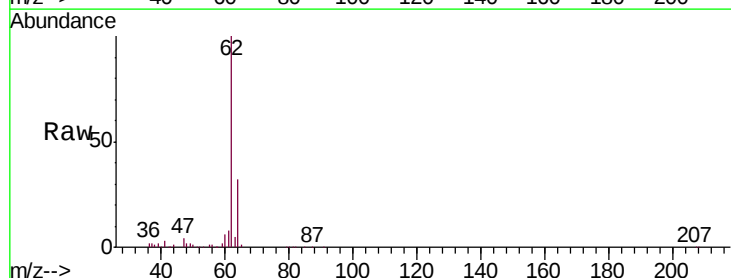
Acq: 29 Jul 2018 14:47

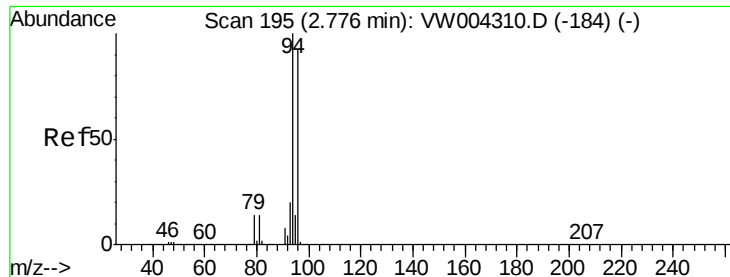
Tgt Ion: 62 Resp: 108317

Ion Ratio Lower Upper

62 100

64 32.4 25.9 38.9





#5

Bromomethane

Concen: 84.88 ug/l

RT: 2.78 min Scan# 195

Delta R.T. -0.00 min

Lab File: VW004314.D

Acq: 29 Jul 2018 14:47

Instrument :

MSVOA_W

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Tot Ion: 94 Resp: 83090

Ion Ratio Lower Upper

94 100

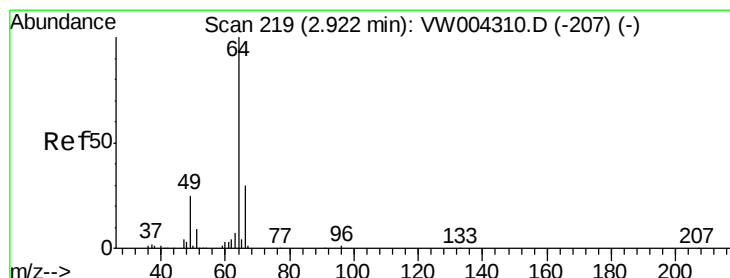
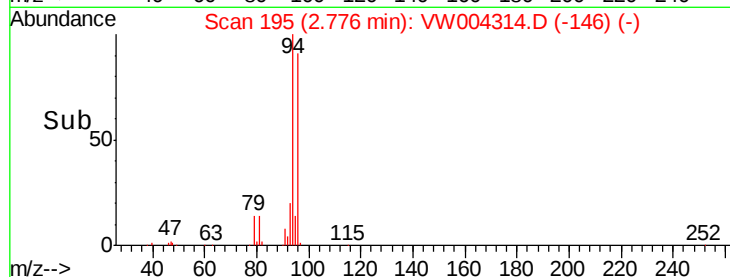
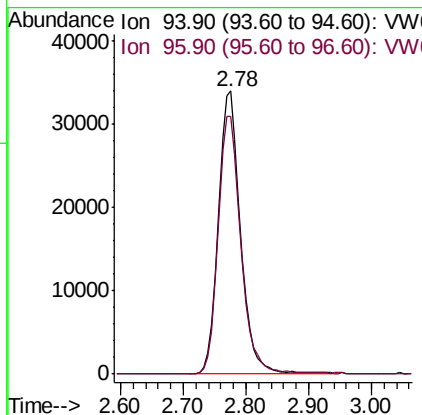
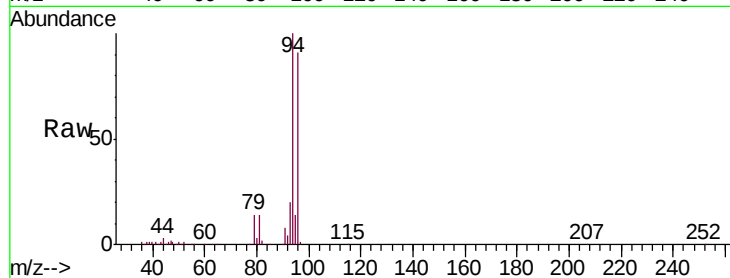
96 90.9 73.3 109.9

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#6

Chloroethane

Concen: 74.49 ug/l

RT: 2.92 min Scan# 219

Delta R.T. 0.00 min

Lab File: VW004314.D

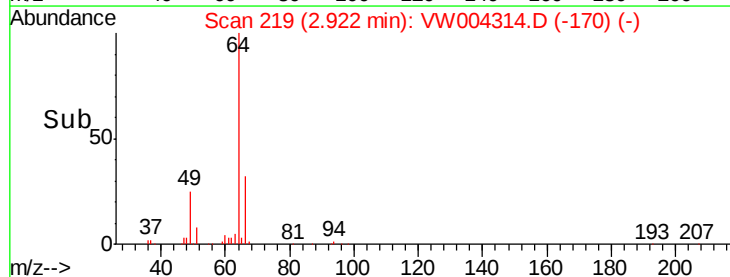
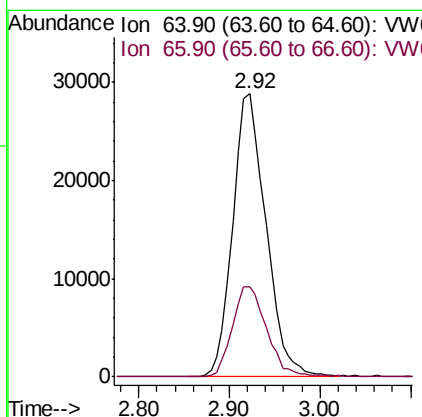
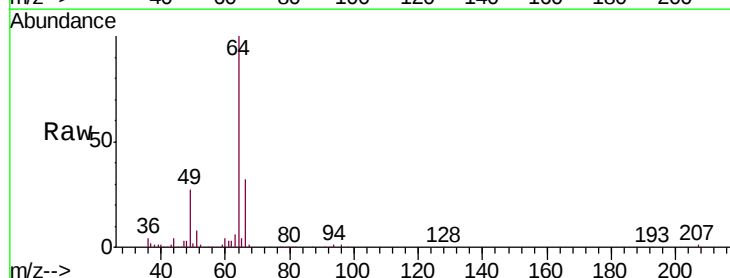
Acq: 29 Jul 2018 14:47

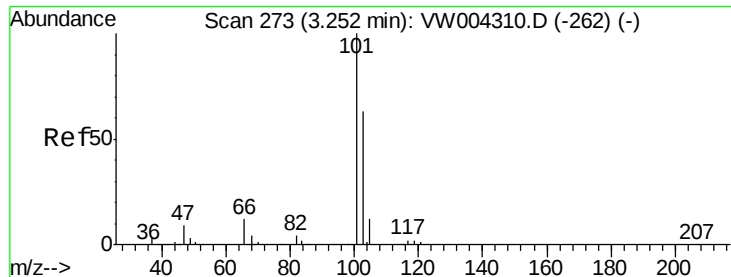
Tgt Ion: 64 Resp: 73443

Ion Ratio Lower Upper

64 100

66 31.6 23.7 35.5





#7

Trichlorofluoromethane

Concen: 53.91 ug/l

RT: 3.25 min Scan# 273

Delta R.T. 0.00 min

Lab File: VW004314.D

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Tot Ion:101 Resp: 51729

Ion Ratio Lower Upper

101 100

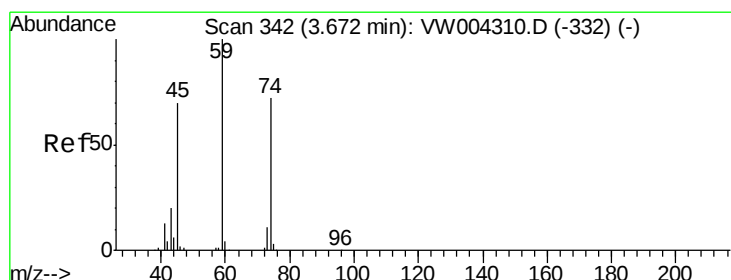
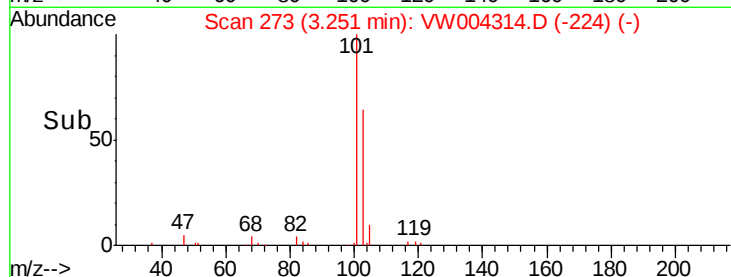
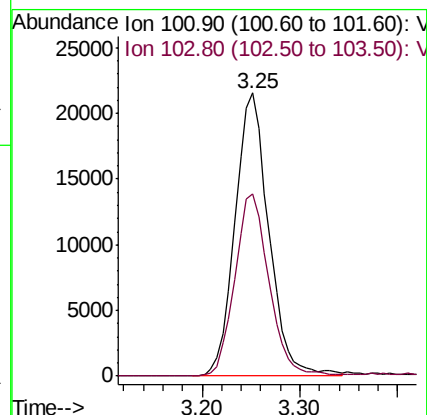
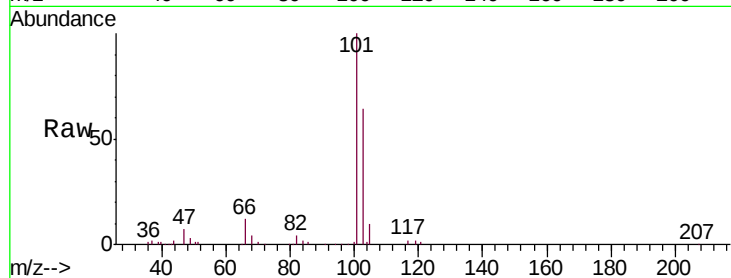
103 64.3 50.8 76.2

Manual Integrations

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#8

Diethyl Ether

Concen: 79.62 ug/l

RT: 3.67 min Scan# 342

Delta R.T. 0.00 min

Lab File: VW004314.D

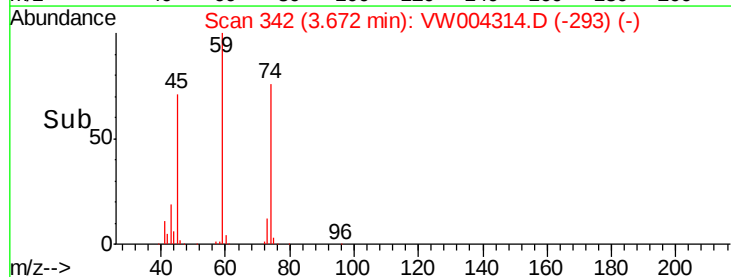
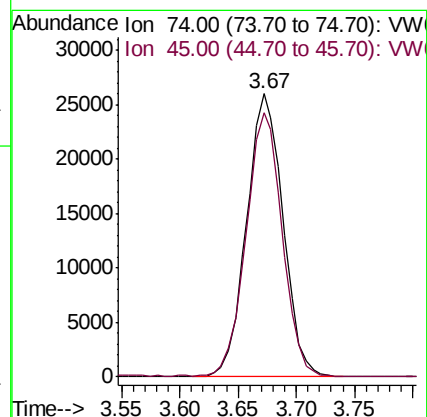
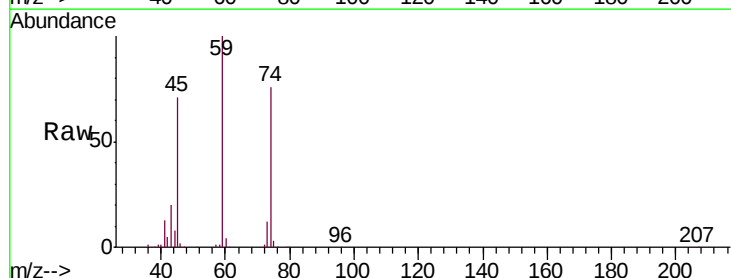
Acq: 29 Jul 2018 14:47

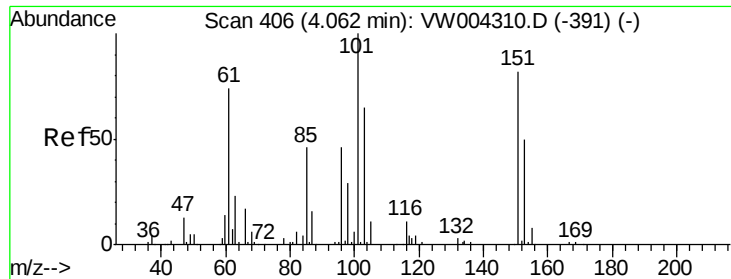
Tgt Ion: 74 Resp: 56811

Ion Ratio Lower Upper

74 100

45 92.8 49.4 148.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.48 ug/l

RT: 4.06 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW004314.D

Acq: 29 Jul 2018 14:47

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MSVOA_W

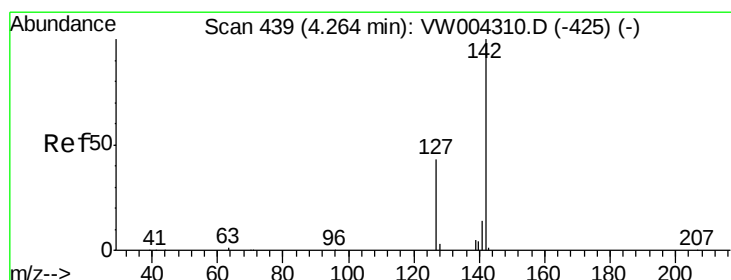
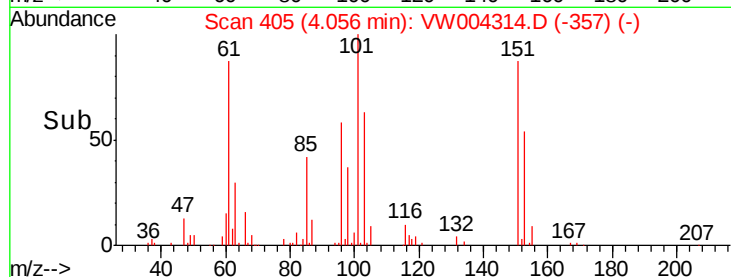
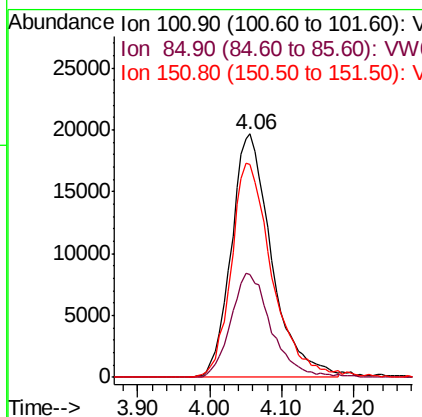
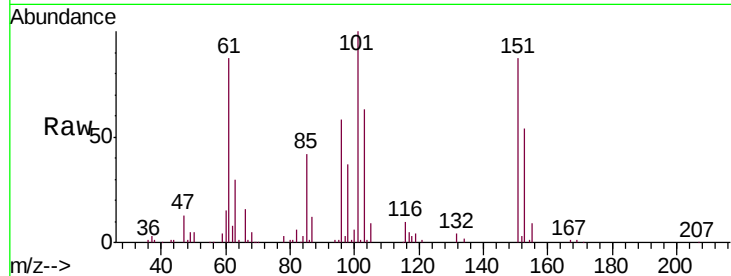
ClientSampleId :

ICVW073018

Tot Ion:	101	Resp:	76698
Ion Ratio	Lower	Upper	
101	100		
85	42.3	35.5	53.3
151	88.2	64.6	97.0

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#10

Methyl Iodide

Concen: 49.30 ug/l

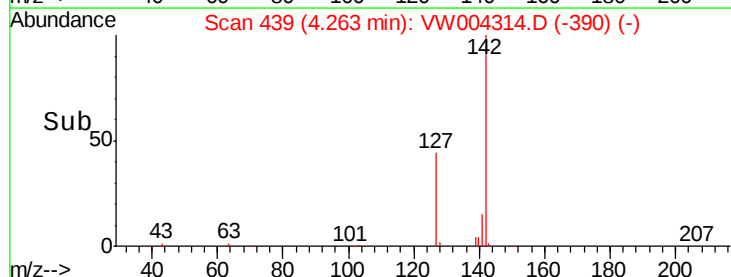
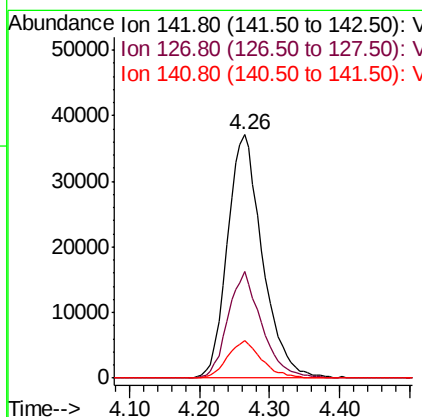
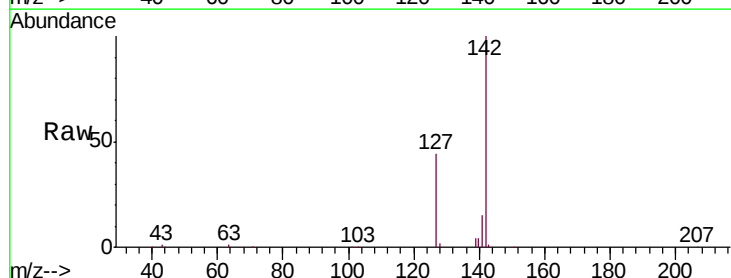
RT: 4.26 min Scan# 439

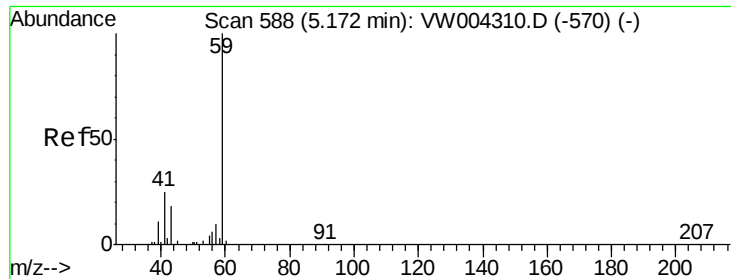
Delta R.T. 0.00 min

Lab File: VW004314.D

Acq: 29 Jul 2018 14:47

Tgt Ion:	142	Resp:	128959
Ion Ratio	Lower	Upper	
142	100		
127	42.2	34.6	52.0
141	14.8	11.5	17.3





#11

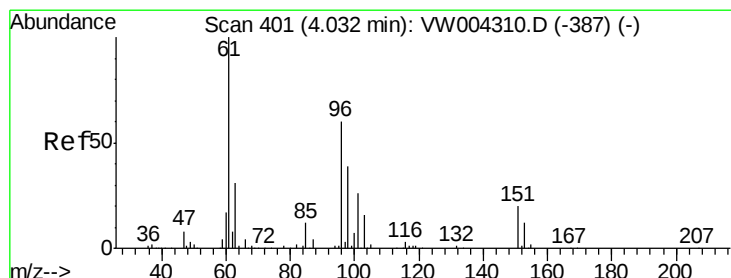
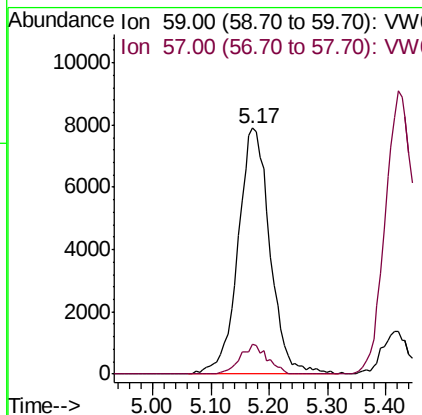
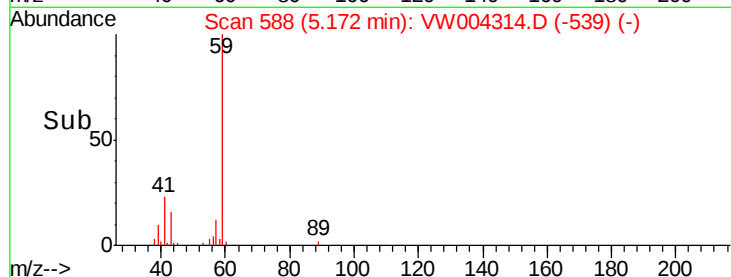
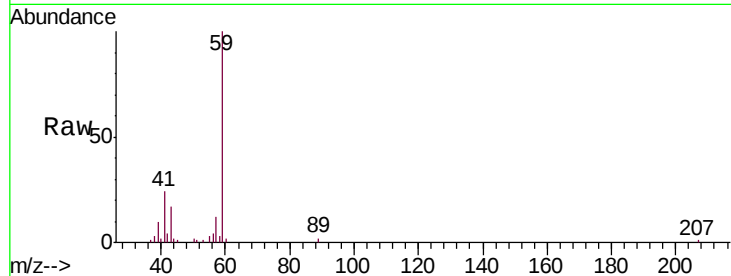
Tert butyl alcohol
 Concen: 251.05 ug/l
 RT: 5.17 min Scan# 588
 Delta R.T. 0.00 min
 Lab File: VW004314.D
 Acq: 29 Jul 2018 14:47

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW073018

Tot Ion	59	Resp	30048
Ion Ratio	100	Lower	Upper
57	10.3	8.4	12.6

Manual Integrations
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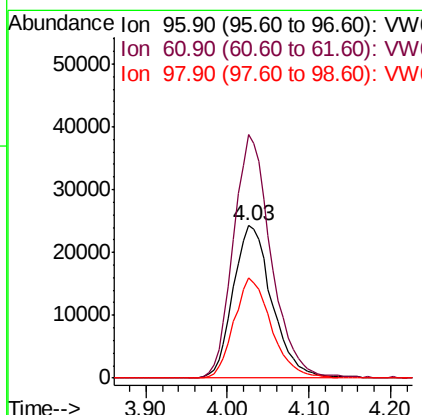
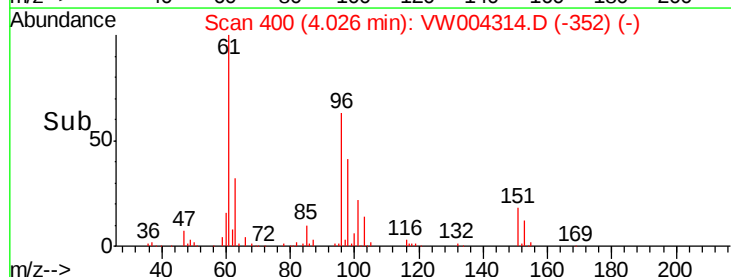
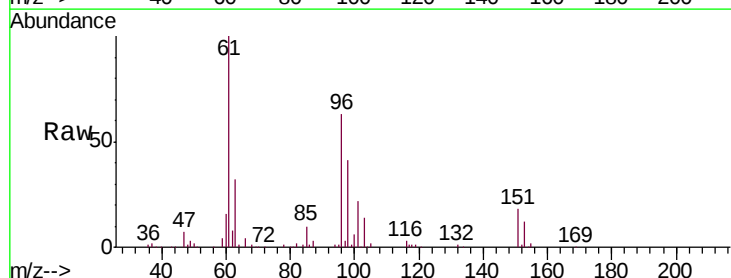
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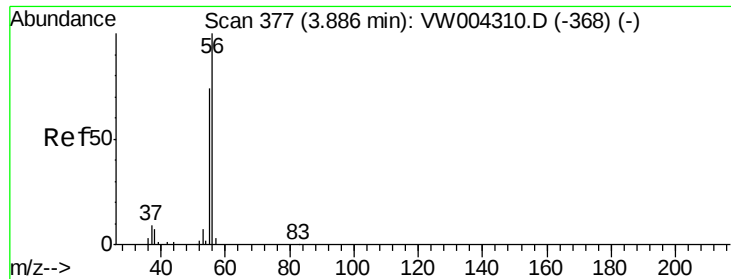


#12

1,1-Dichloroethene
 Concen: 46.67 ug/l
 RT: 4.03 min Scan# 400
 Delta R.T. -0.01 min
 Lab File: VW004314.D
 Acq: 29 Jul 2018 14:47

Tgt Ion	96	Resp	80109
Ion Ratio	100	Lower	Upper
61	159.5	133.4	200.0
98	65.7	51.9	77.9





#13

Acrolein

Concen: 213.80 ug/l

RT: 3.89 min Scan# 378

Delta R.T. 0.01 min

Lab File: VW004314.D

Acq: 29 Jul 2018 14:47

Instrument :

MSVOA_W

ClientSampleId :

ICVW073018

Tot Ion: 56 Resp: 23755

Ion Ratio Lower Upper

56 100

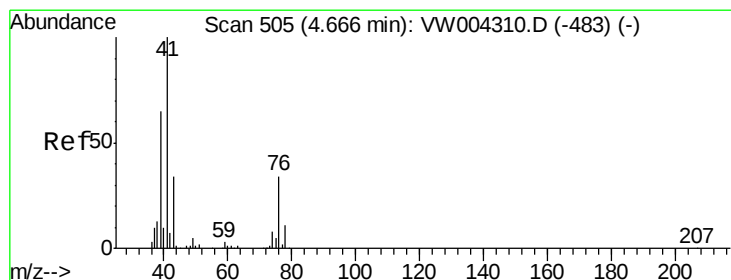
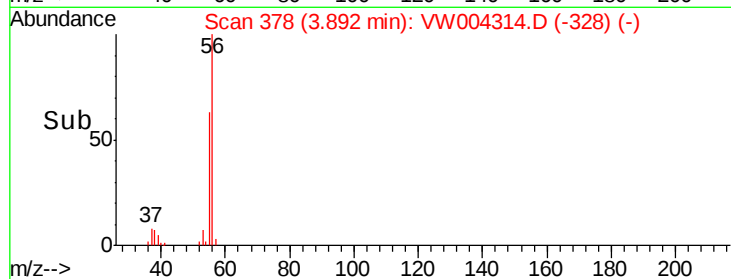
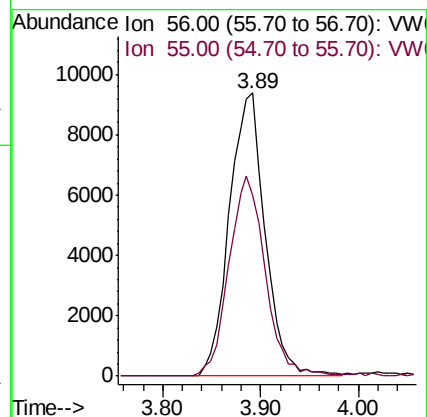
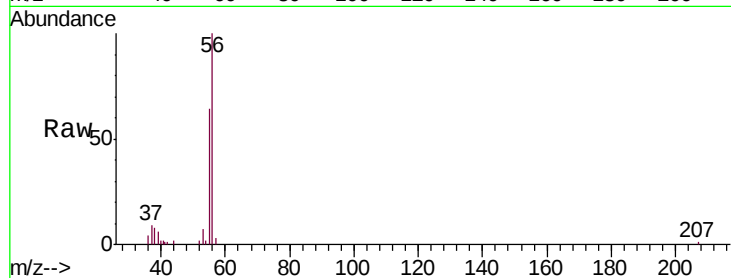
55 71.9 59.4 89.2

Manual Integrations

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#14

Allyl chloride

Concen: 39.33 ug/l

RT: 4.66 min Scan# 504

Delta R.T. -0.01 min

Lab File: VW004314.D

Acq: 29 Jul 2018 14:47

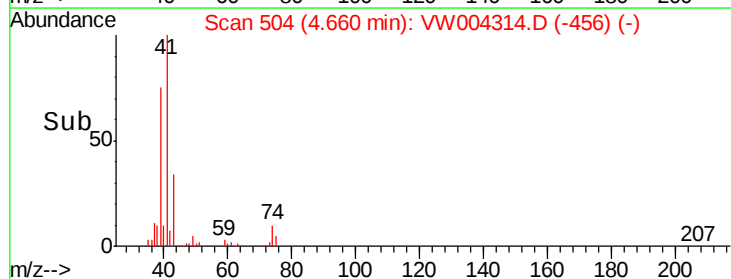
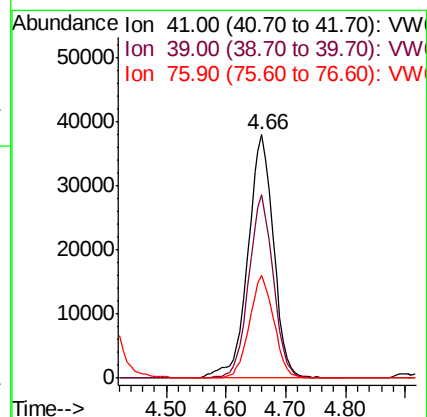
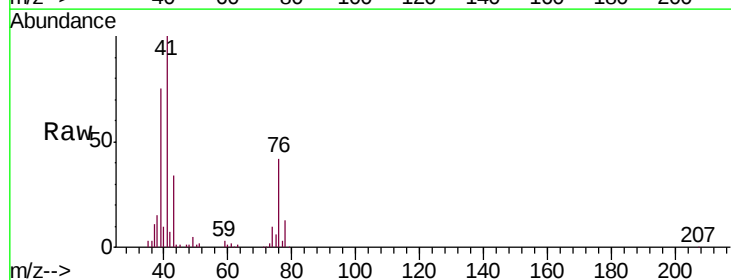
Tgt Ion: 41 Resp: 113556

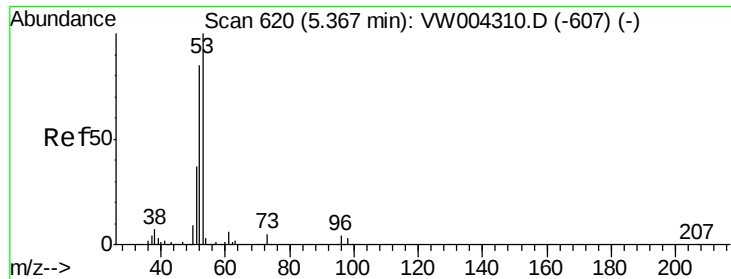
Ion Ratio Lower Upper

41 100

39 72.4 52.3 78.5

76 40.0 27.3 40.9





#15

Acrylonitrile

Concen: 212.40 ug/l

RT: 5.36 min Scan# 619

Delta R.T. -0.01 min

Lab File: VW004314.D

Acq: 29 Jul 2018 14:47

Instrument :

MSVOA_W

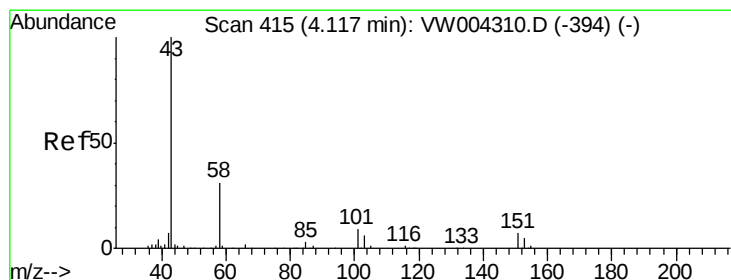
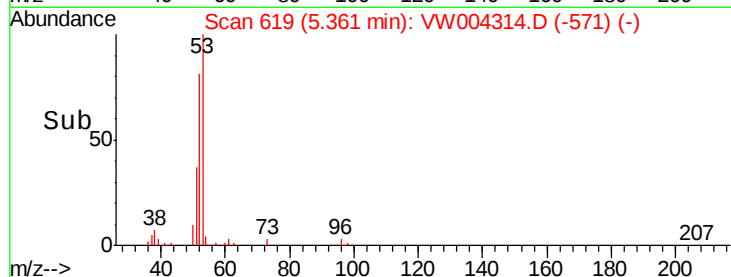
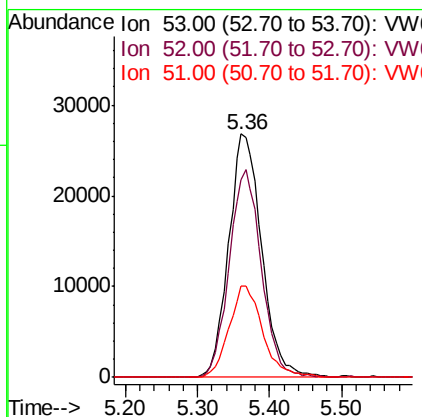
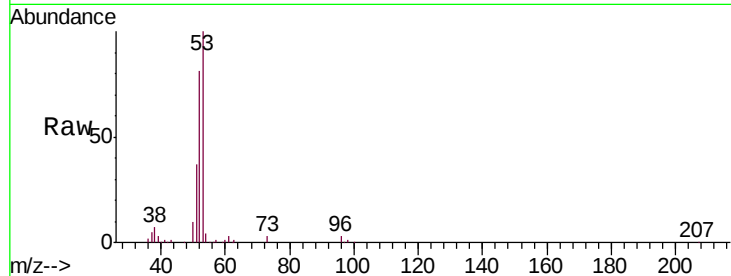
ClientSampleId :

ICVW073018

Tot Ion:	53	Resp:	85393
Ion Ratio	Lower	Upper	
53	100		
52	82.9	65.7	98.5
51	38.2	29.2	43.8

Manual Integrations
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#16

Acetone

Concen: 207.81 ug/l

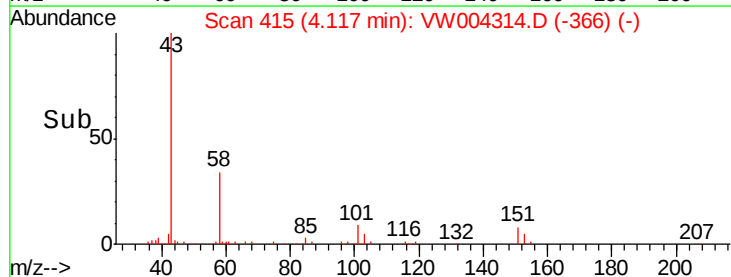
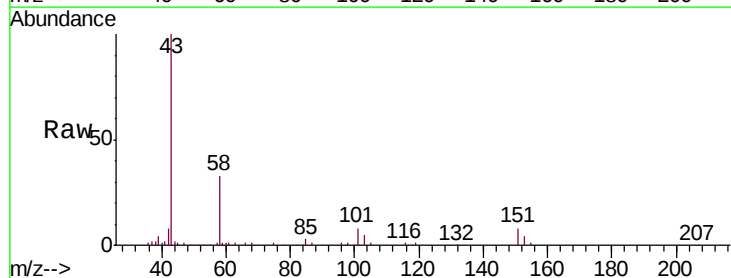
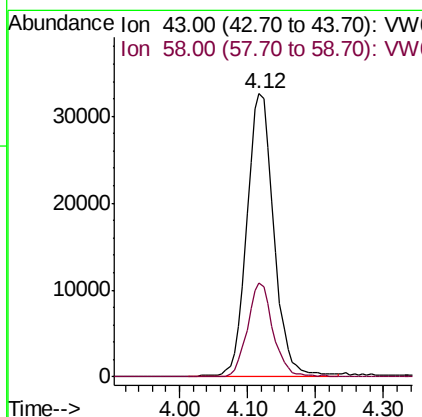
RT: 4.12 min Scan# 415

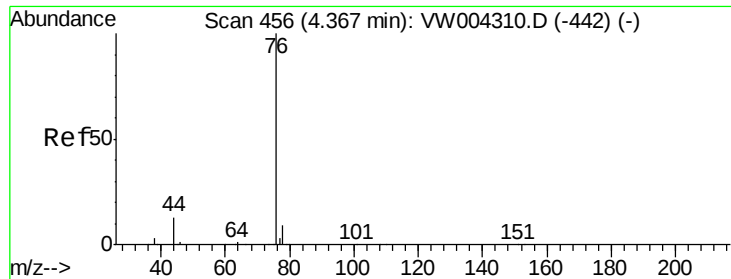
Delta R.T. 0.00 min

Lab File: VW004314.D

Acq: 29 Jul 2018 14:47

Tgt Ion:	43	Resp:	90359
Ion Ratio	Lower	Upper	
43	100		
58	33.3	24.8	37.2





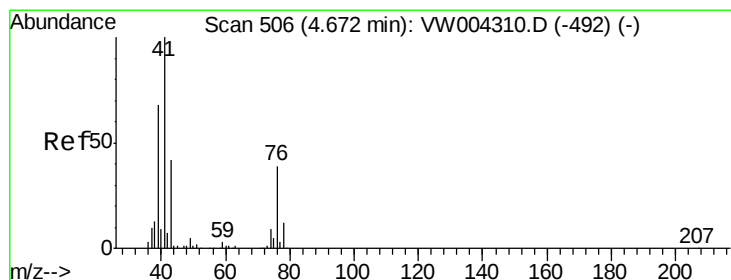
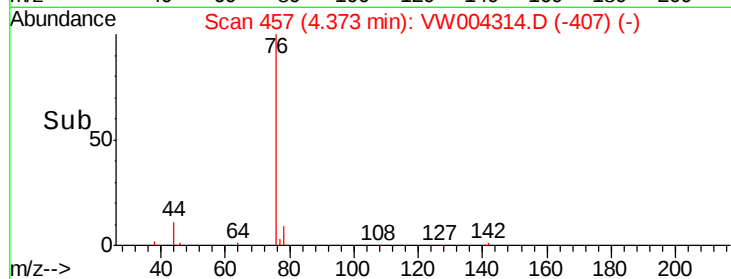
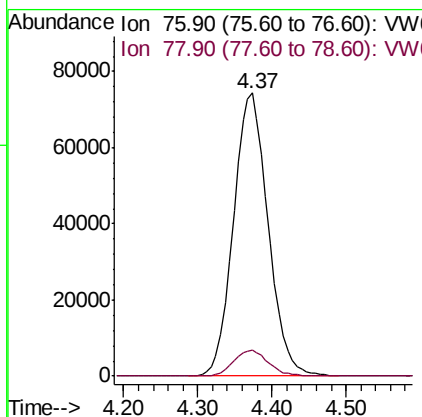
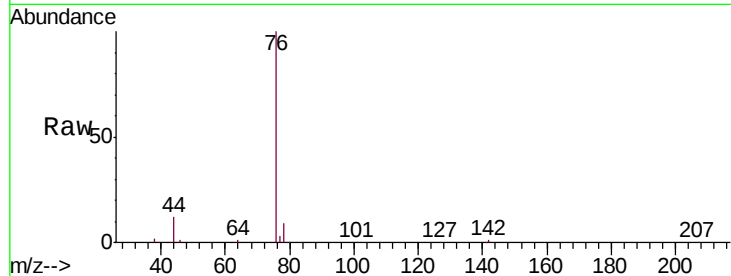
#17
Carbon Disulfide
Concen: 44.47 ug/l
RT: 4.37 min Scan# 457
Delta R.T. 0.01 min
Lab File: VW004314.D
Acq: 29 Jul 2018 14:47

Instrument :
MSVOA_W
ClientSampleId :
ICVW073018

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.4	11.0

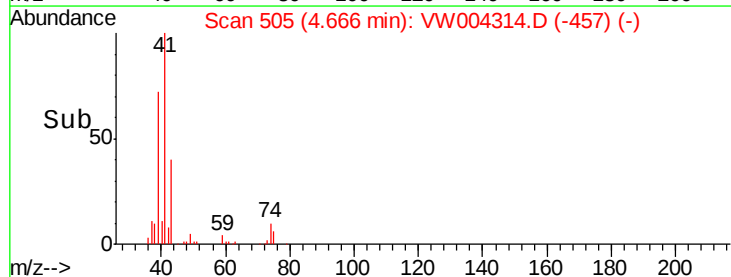
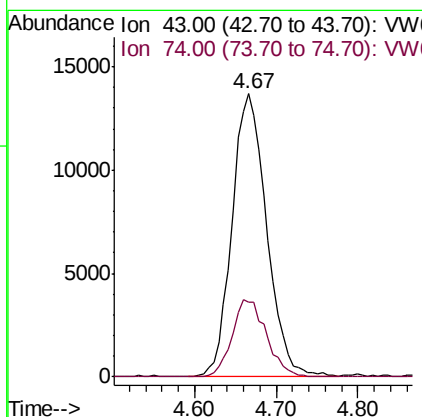
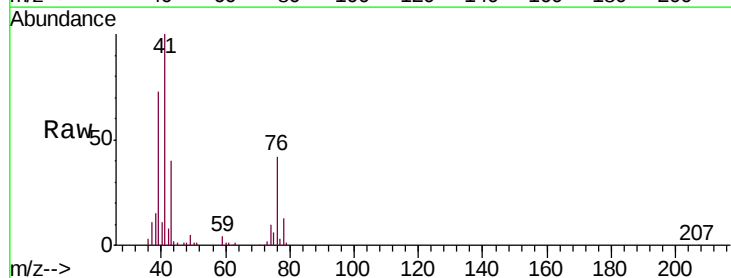
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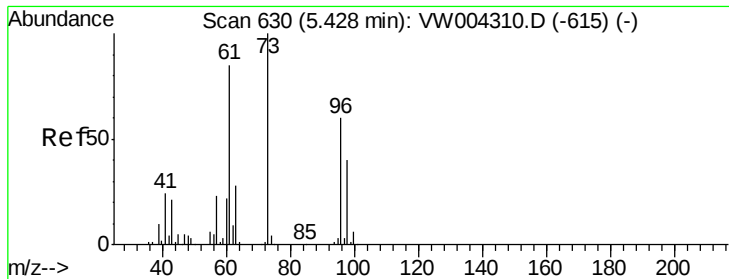
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#18
Methyl Acetate
Concen: 39.95 ug/l
RT: 4.67 min Scan# 505
Delta R.T. -0.01 min
Lab File: VW004314.D
Acq: 29 Jul 2018 14:47

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.0	17.8	26.6#





#19

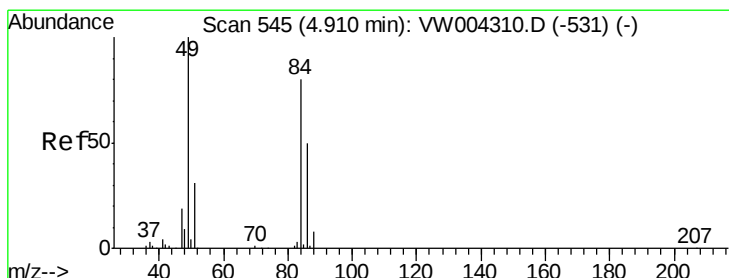
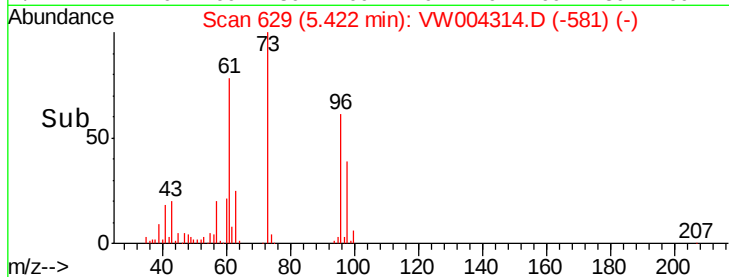
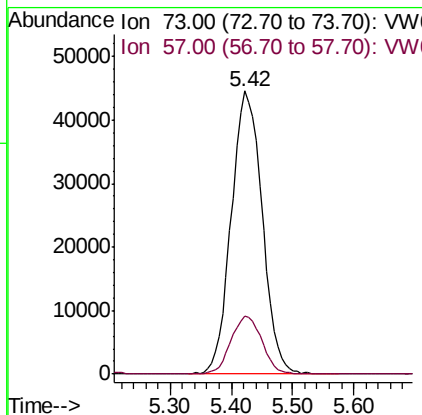
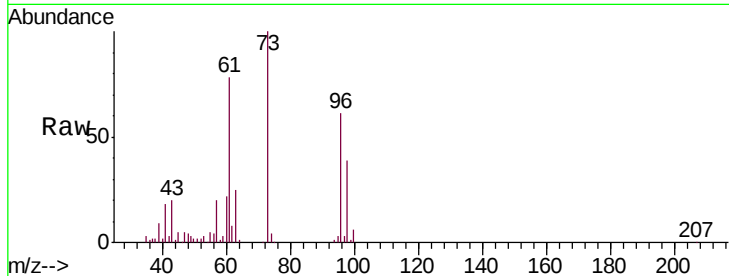
Methyl tert-butyl Ether
 Concen: 48.88 ug/l
 RT: 5.42 min Scan# 629
 Delta R.T. -0.01 min
 Lab File: VW004314.D
 Acq: 29 Jul 2018 14:47

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW073018

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.4	18.4	27.6

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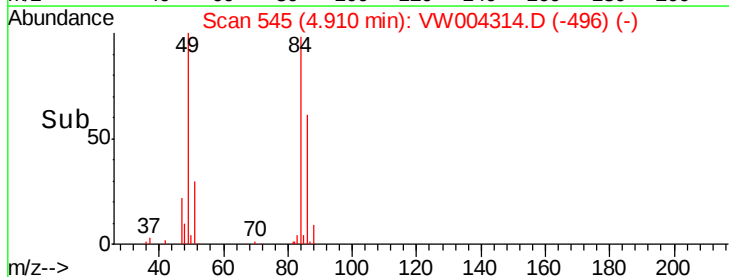
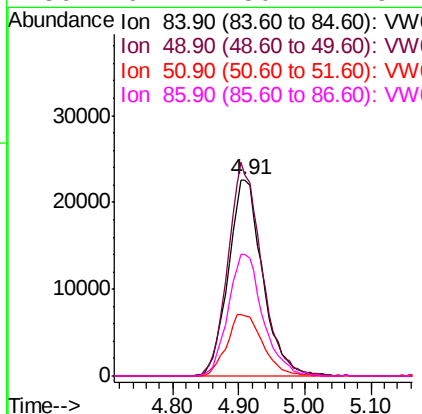
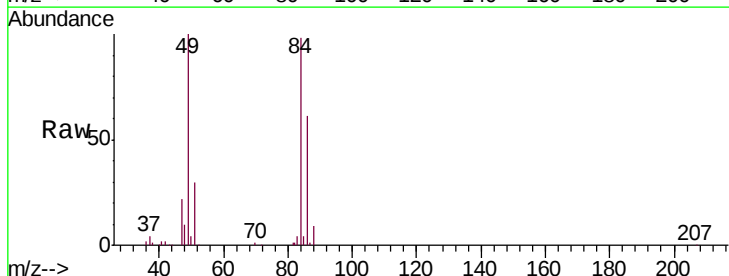
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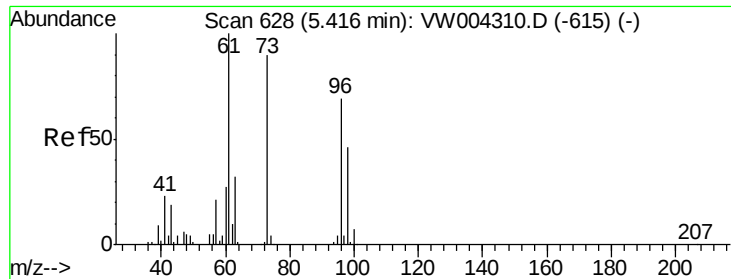


#20

Methylene Chloride
 Concen: 46.51 ug/l
 RT: 4.91 min Scan# 545
 Delta R.T. 0.00 min
 Lab File: VW004314.D
 Acq: 29 Jul 2018 14:47

Tgt Ion	Ratio	Lower	Upper
84	100		
49	102.6	100.5	150.7
51	31.0	30.9	46.3
86	62.2	50.2	75.4





#21

trans-1,2-Dichloroethene

Concen: 46.54 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.00 min

Lab File: VW004314.D

Acq: 29 Jul 2018 14:47

Instrument :

MSVOA_W

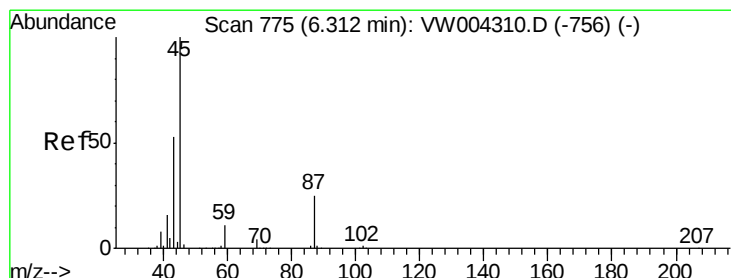
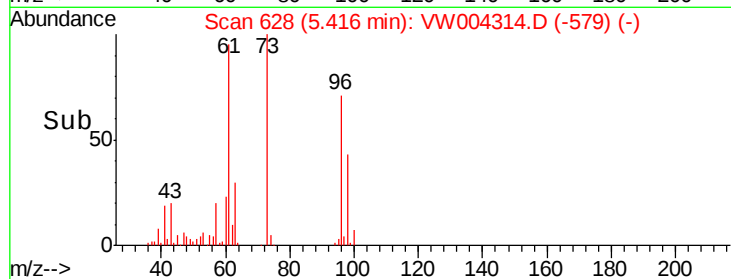
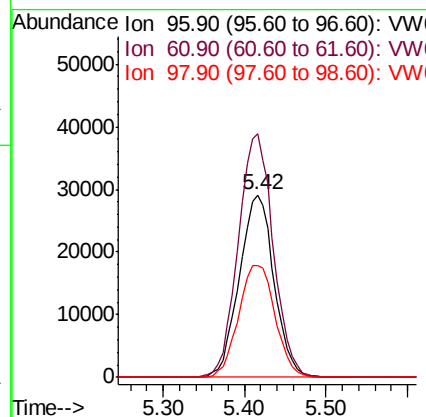
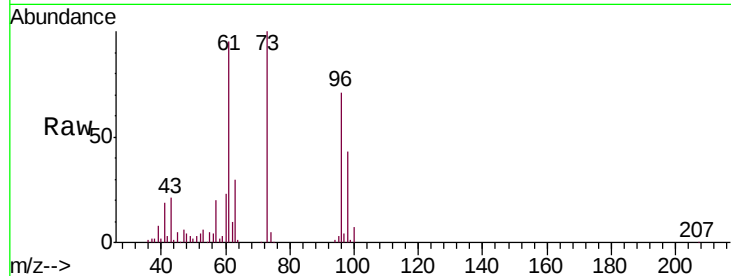
ClientSampled :

ICVW073018

Tot Ion:	96	Resp:	85589
Ion	Ratio	Lower	Upper
96	100		
61	133.5	116.2	174.2
98	61.2	52.9	79.3

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#22

Diisopropyl ether

Concen: 39.70 ug/l

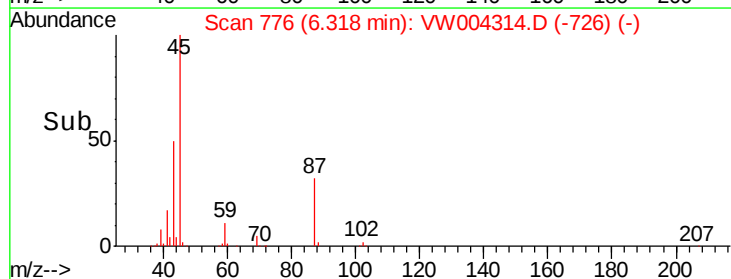
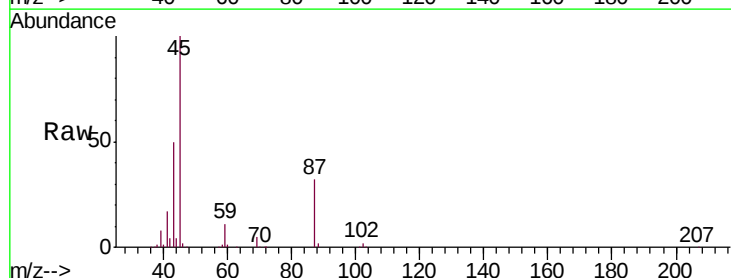
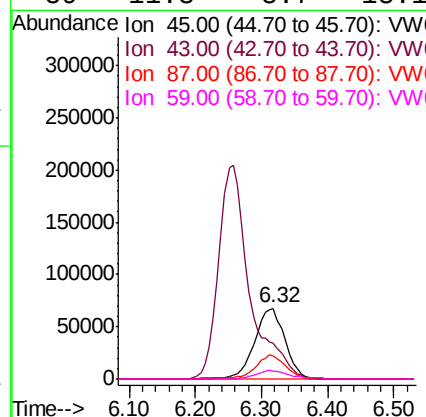
RT: 6.32 min Scan# 776

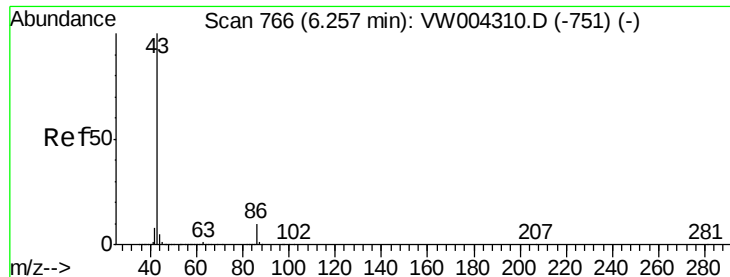
Delta R.T. 0.01 min

Lab File: VW004314.D

Acq: 29 Jul 2018 14:47

Tgt Ion:	45	Resp:	216589
Ion	Ratio	Lower	Upper
45	100		
43	50.0	42.3	63.5
87	32.1	19.9	29.9#
59	11.3	8.7	13.1





#23

Vinyl Acetate

Concen: 211.26 ug/l

RT: 6.26 min Scan# 766

Delta R.T. -0.00 min

Lab File: VW004314.D

Acq: 29 Jul 2018 14:47

Instrument :

MSVOA_W

ClientSampleId :

ICVW073018

Tot Ion: 43 Resp: 668694

Ion Ratio Lower Upper

43 100

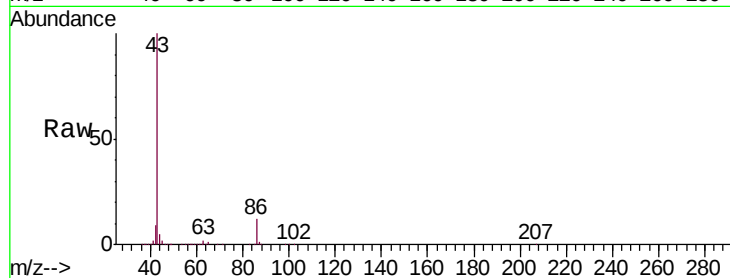
86 11.9 7.7 11.5#

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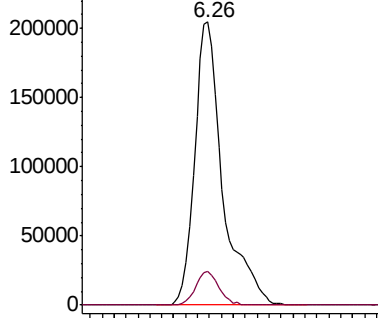
apatel

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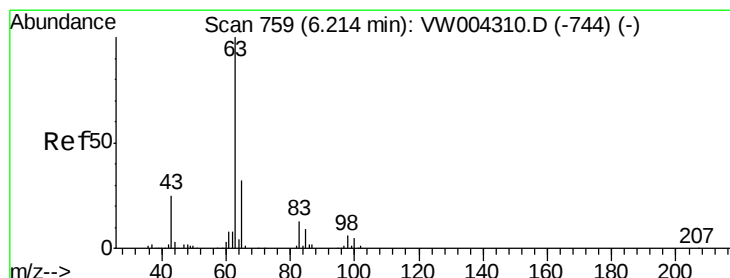
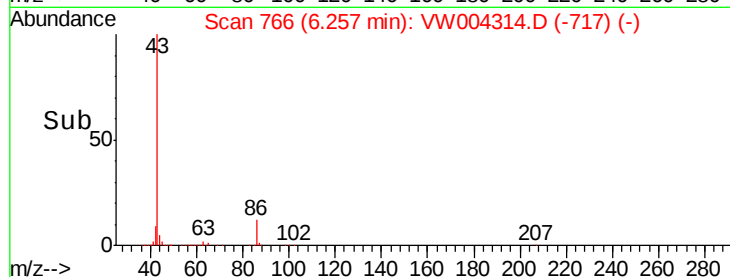


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



Time-->



#24

1,1-Dichloroethane

Concen: 43.26 ug/l

RT: 6.21 min Scan# 758

Delta R.T. -0.01 min

Lab File: VW004314.D

Acq: 29 Jul 2018 14:47

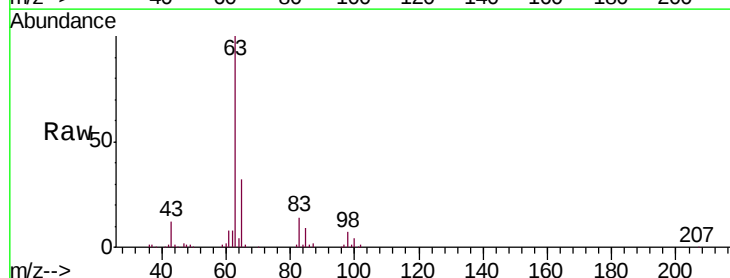
Tgt Ion: 63 Resp: 144494

Ion Ratio Lower Upper

63 100

98 6.6 3.2 9.6

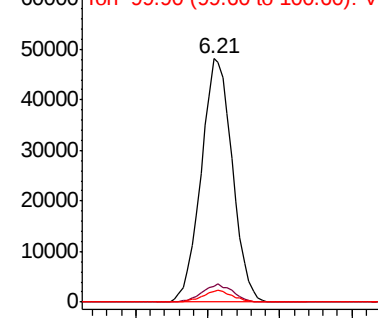
100 4.2 2.3 6.9



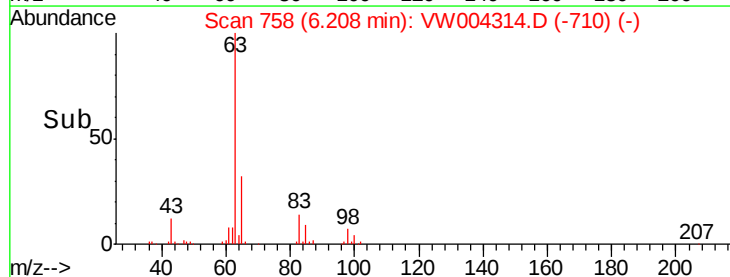
Abundance Ion 62.90 (62.60 to 63.60): VW

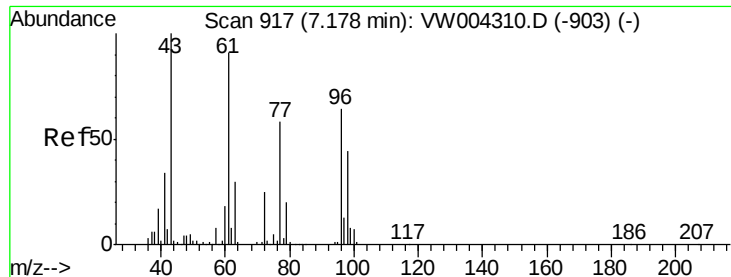
Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW



Time-->





#25

2-Butanone

Concen: 213.34 ug/l

RT: 7.17 min Scan# 916

Delta R.T. -0.01 min

Lab File: VW004314.D

Acq: 29 Jul 2018 14:47

Instrument :

MSVOA_W

ClientSampleId :

ICVW073018

Tot Ion: 43 Resp: 107687

Ion Ratio Lower Upper

43 100

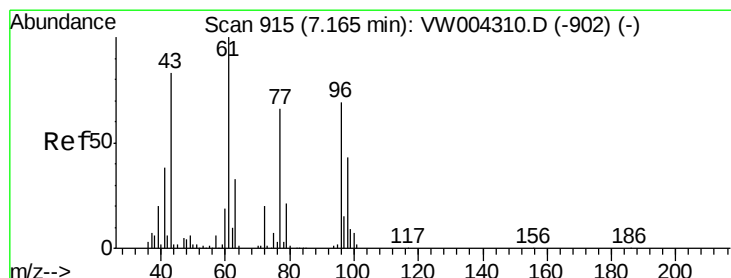
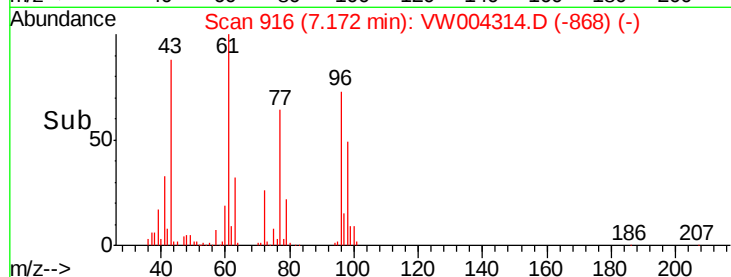
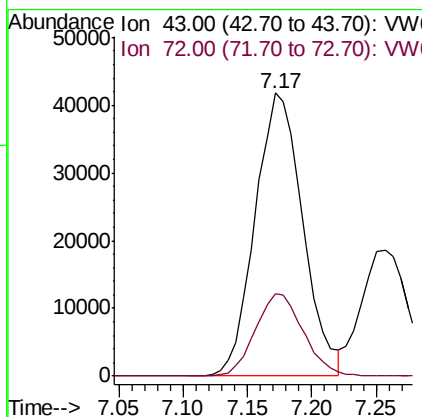
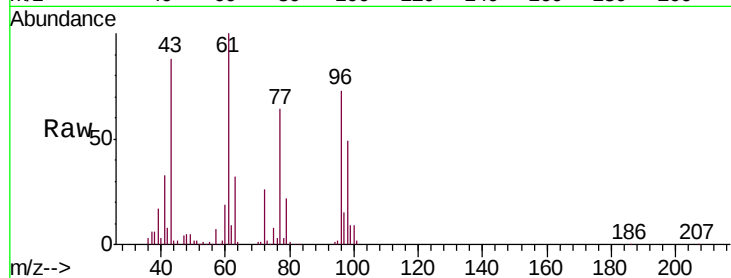
72 29.3 20.3 30.5

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 45.03 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW004314.D

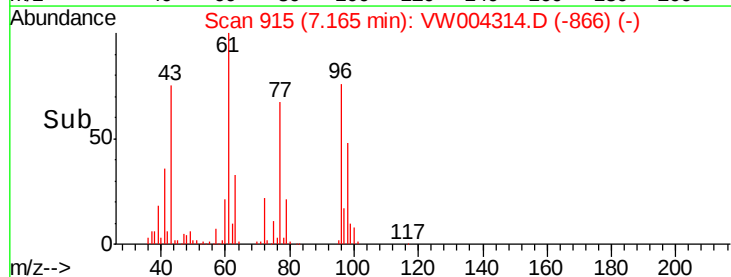
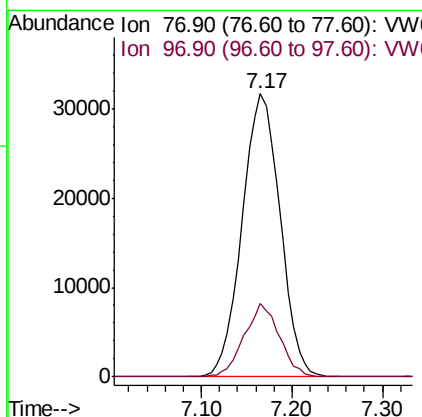
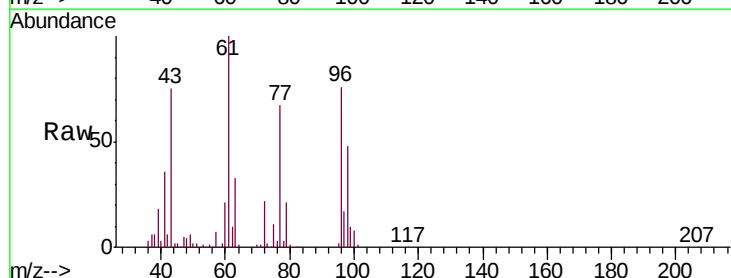
Acq: 29 Jul 2018 14:47

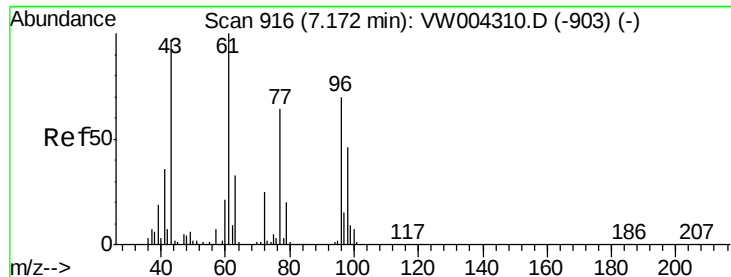
Tgt Ion: 77 Resp: 91785

Ion Ratio Lower Upper

77 100

97 24.0 11.7 35.1





#27

cis-1,2-Dichloroethene

Concen: 47.43 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.01 min

Lab File: VW004314.D

Acq: 29 Jul 2018 14:47

Instrument :

MSVOA_W

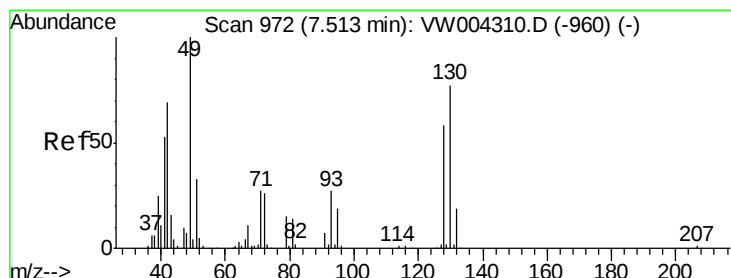
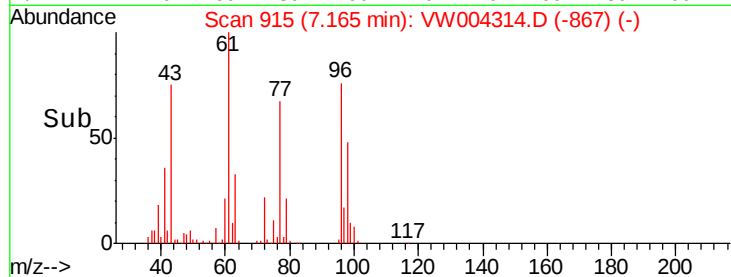
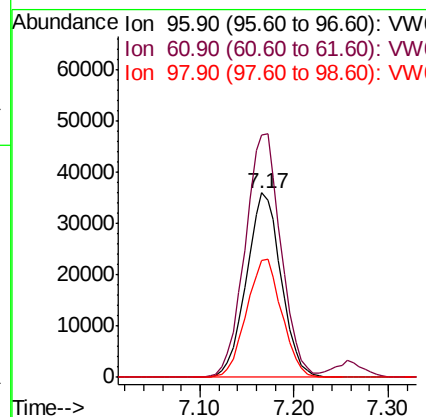
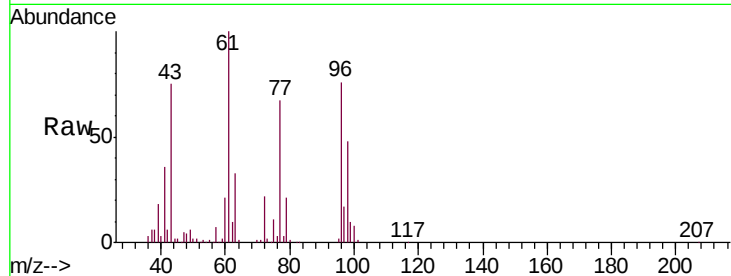
ClientSampleId :

ICVW073018

Tot Ion:	96	Resp:	92815
Ion	Ratio	Lower	Upper
96	100		
61	136.7	0.0	292.0
98	65.2	0.0	129.6

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#28

Bromochloromethane

Concen: 36.18 ug/l

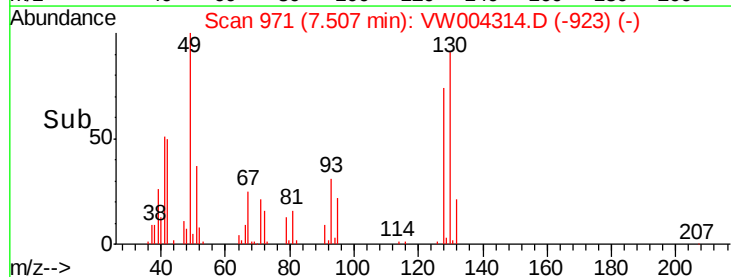
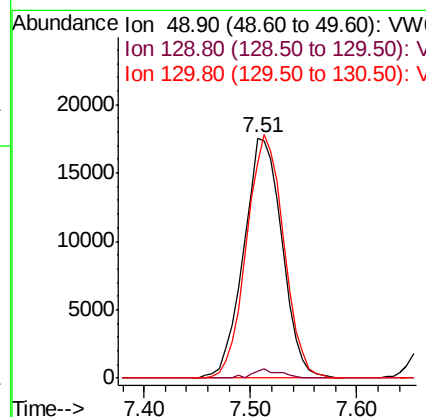
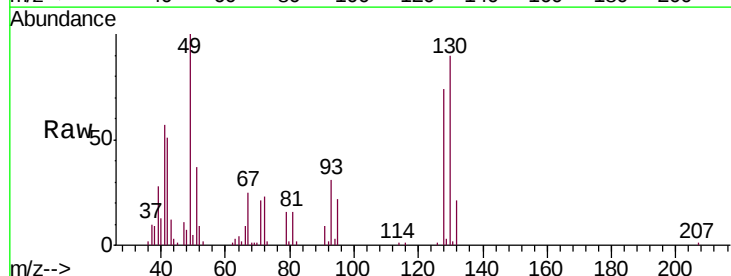
RT: 7.51 min Scan# 971

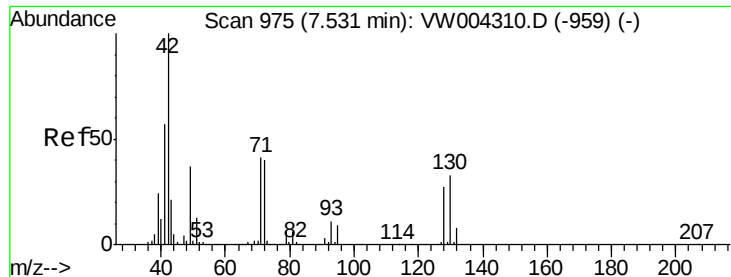
Delta R.T. -0.01 min

Lab File: VW004314.D

Acq: 29 Jul 2018 14:47

Tgt Ion:	49	Resp:	44555
Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	4.6
130	98.4	61.5	92.3#





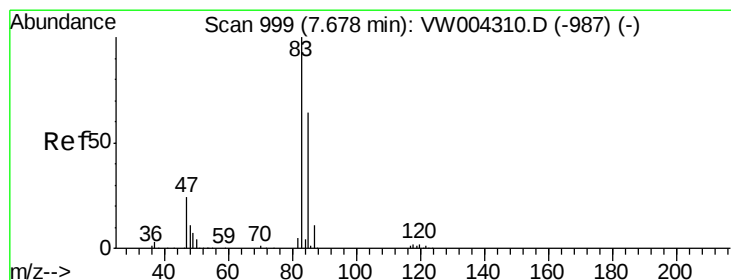
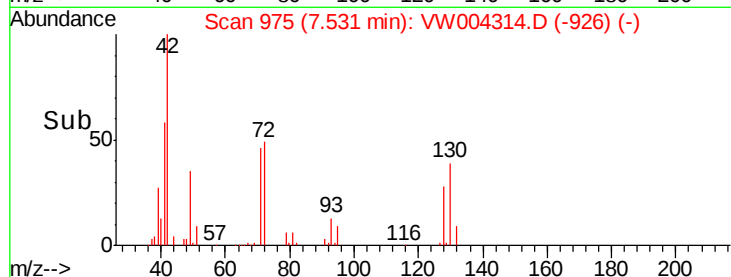
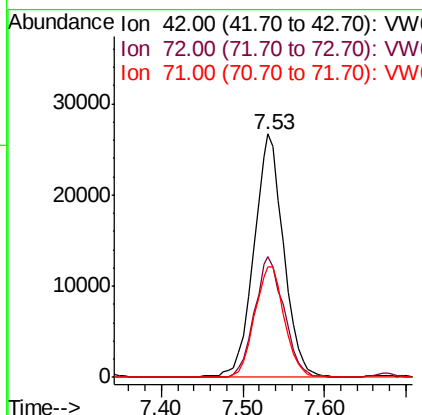
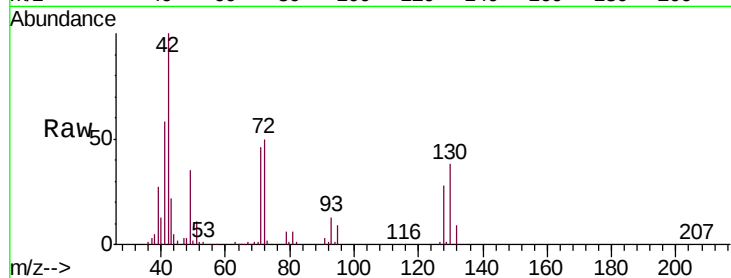
#29
Tetrahydrofuran
Concen: 194.78 ug/l
RT: 7.53 min Scan# 975
Delta R.T. 0.00 min
Lab File: VW004314.D
Acq: 29 Jul 2018 14:47

Instrument :
MSVOA_W
ClientSampleId :
ICVW073018

Tot Ion	Ratio	Lower	Upper
42	100		
72	49.1	32.6	48.8#
71	45.5	31.3	46.9

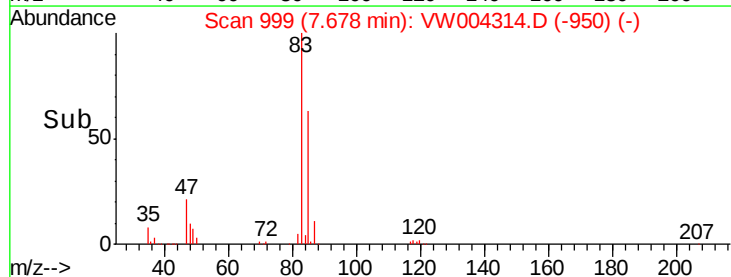
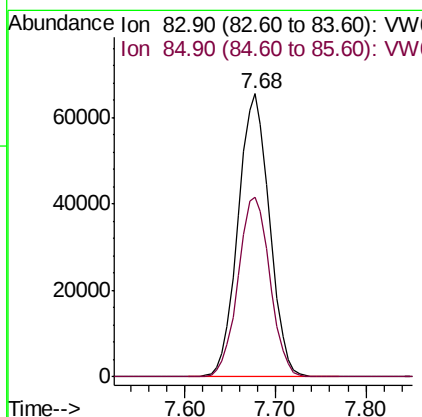
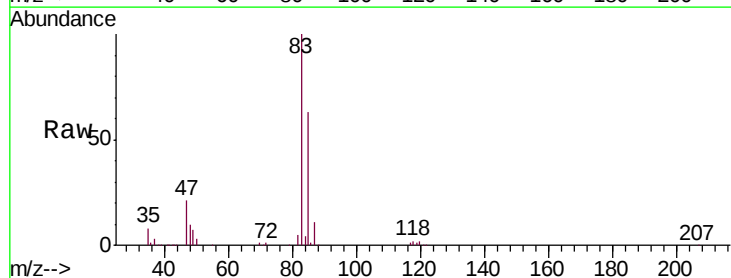
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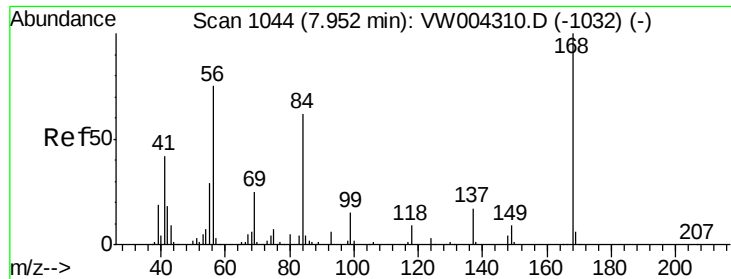
apatel
7/30/2018 10:32:48 AM



#30
Chloroform
Concen: 46.70 ug/l
RT: 7.68 min Scan# 999
Delta R.T. -0.00 min
Lab File: VW004314.D
Acq: 29 Jul 2018 14:47

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.5	51.5	77.3





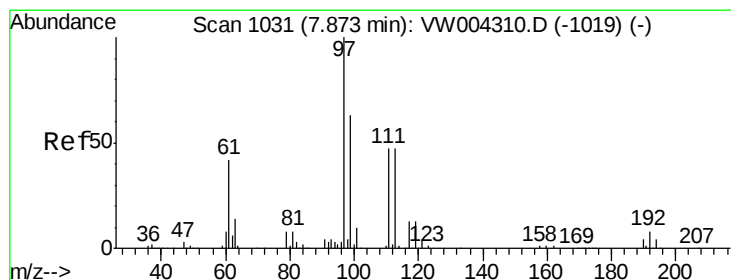
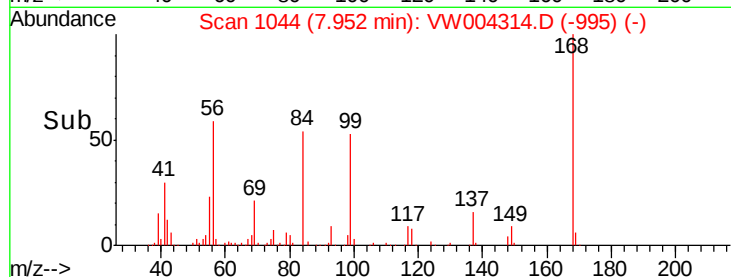
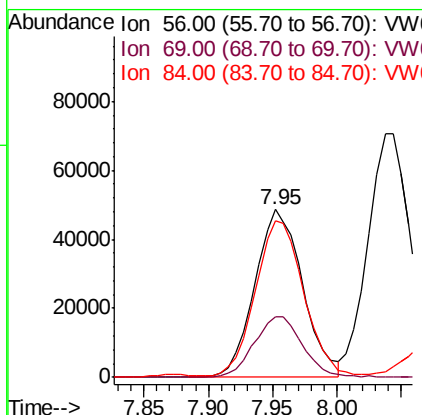
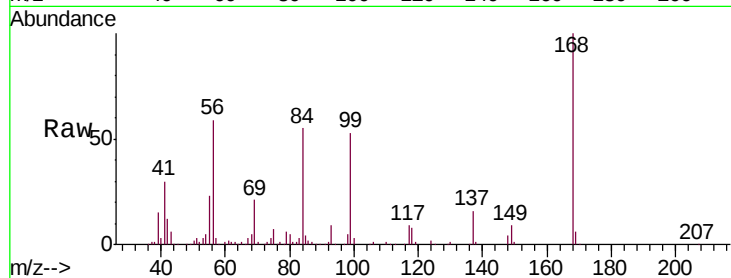
#31
Cyclohexane
Concen: 40.45 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.00 min
Lab File: VW004314.D
Acq: 29 Jul 2018 14:47

Instrument :
MSVOA_W
ClientSampleId :
ICVW073018

Tot Ion	Ratio	Lower	Upper
56	100		
69	36.1	26.3	39.5
84	92.2	66.2	99.4

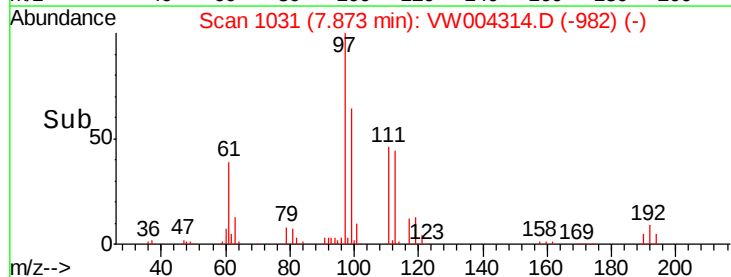
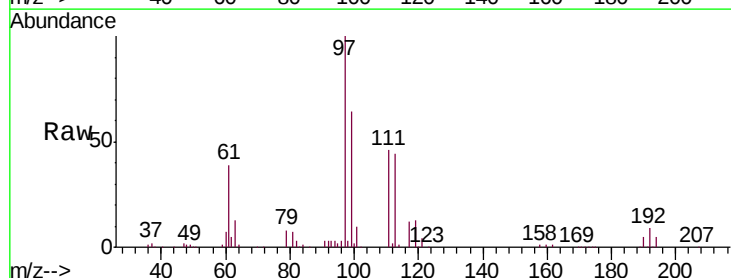
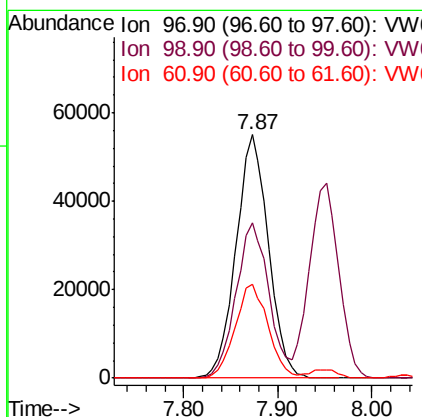
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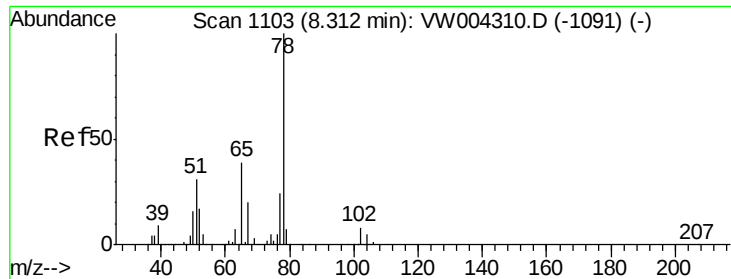
apatel
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#32
1,1,1-Trichloroethane
Concen: 47.86 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VW004314.D
Acq: 29 Jul 2018 14:47

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.4	51.7	77.5
61	39.4	34.8	52.2





#33

1,2-Dichloroethane-d4

Concen: 47.96 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. -0.00 min

Lab File: VW004314.D

Acq: 29 Jul 2018 14:47

Instrument :

MSVOA_W

ClientSampleId :

ICVW073018

Tot Ion: 65 Resp: 87165

Ion Ratio Lower Upper

65 100

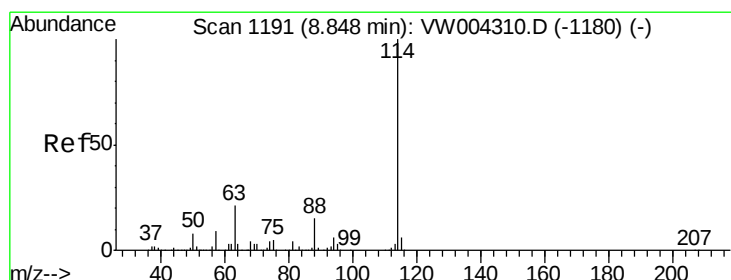
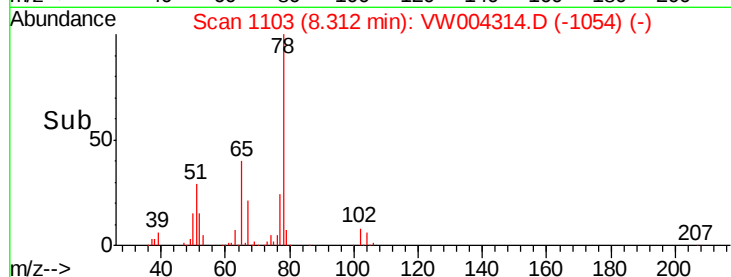
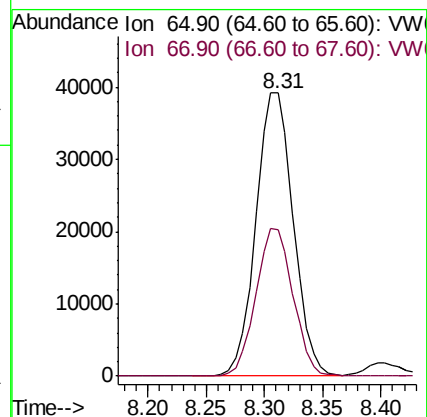
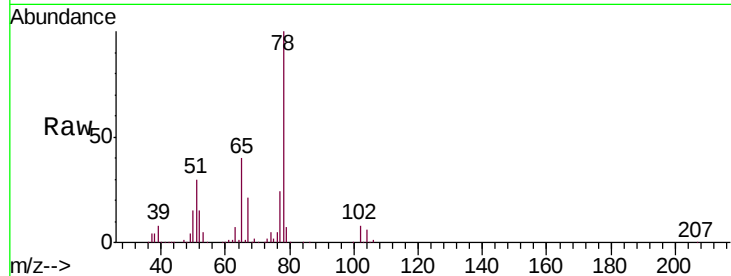
67 51.9 0.0 106.4

Manual Integrations

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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: VW004314.D

Acq: 29 Jul 2018 14:47

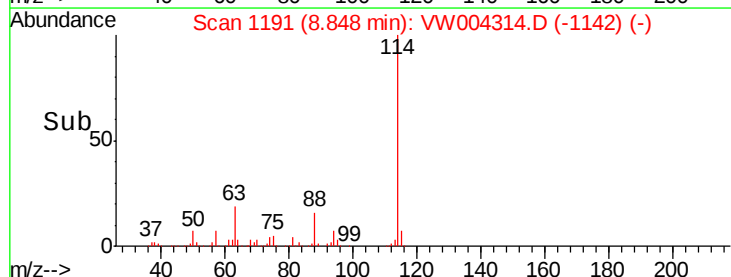
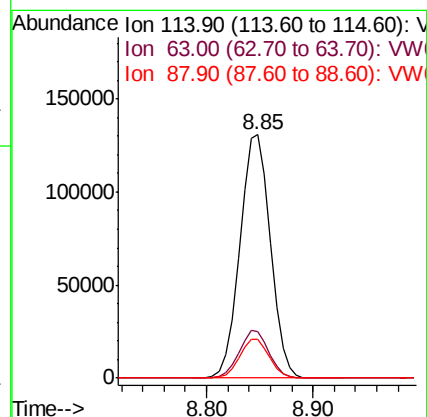
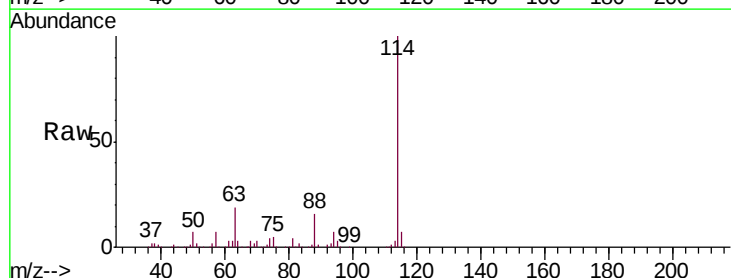
Tgt Ion: 114 Resp: 262941

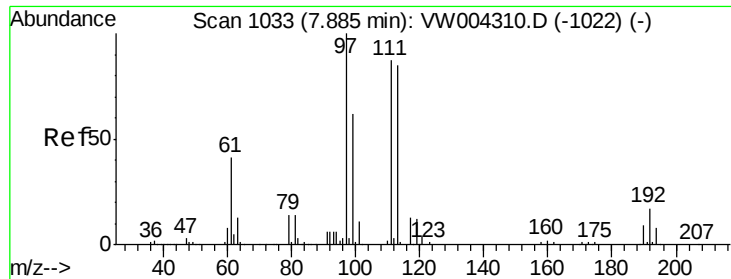
Ion Ratio Lower Upper

114 100

63 18.8 0.0 41.4

88 15.7 0.0 30.6





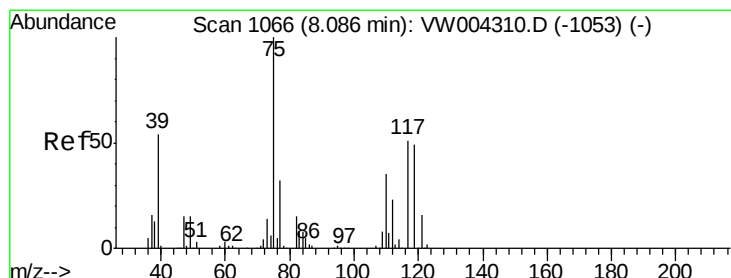
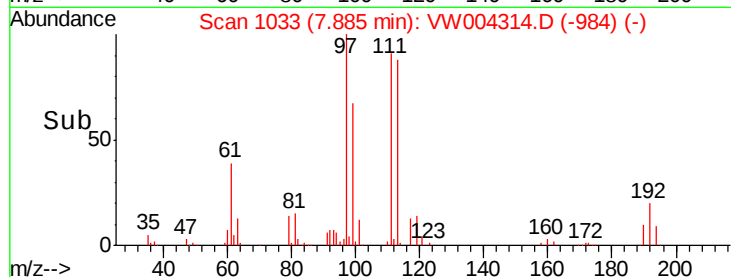
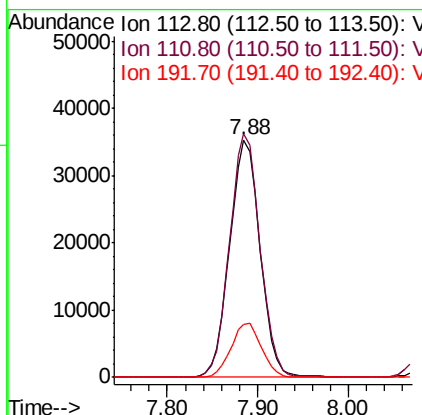
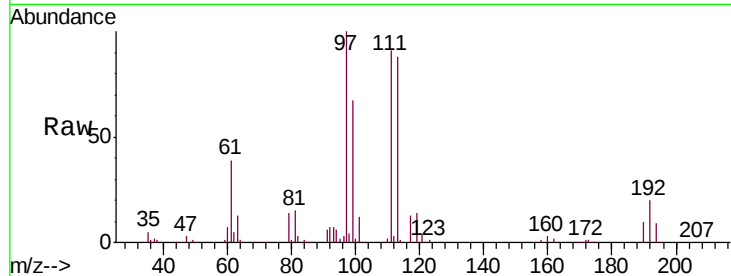
#35
 Dibromofluoromethane
 Concen: 49.54 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW004314.D
 Acq: 29 Jul 2018 14:47

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW073018

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.1	123.1
192	22.9	16.2	24.4

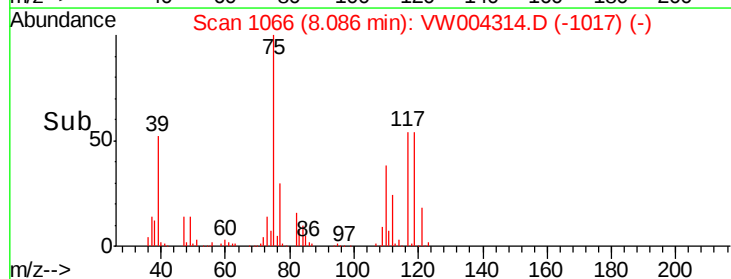
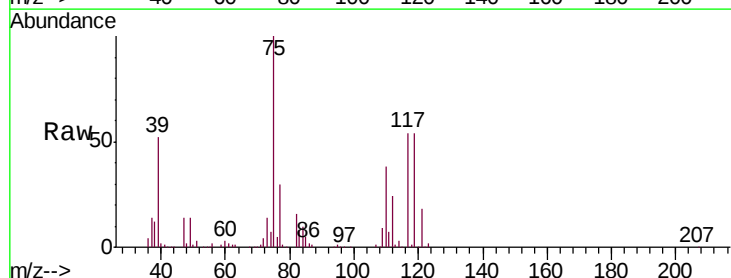
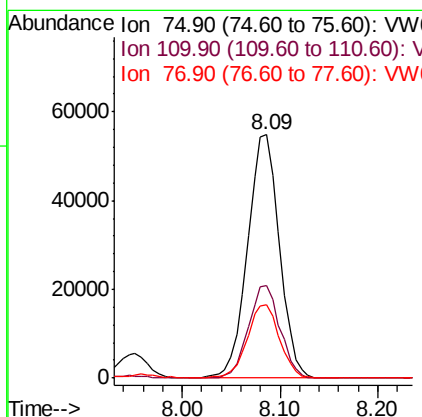
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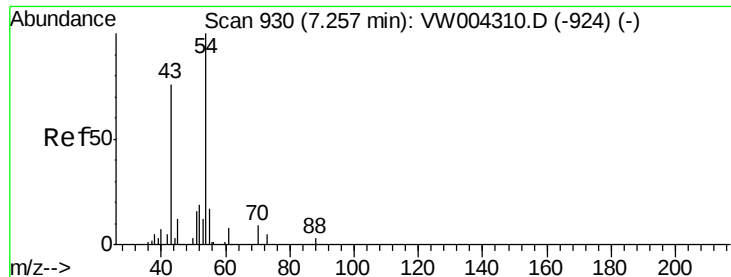
apatel
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#36
 1,1-Dichloropropene
 Concen: 47.10 ug/l
 RT: 8.09 min Scan# 1066
 Delta R.T. -0.00 min
 Lab File: VW004314.D
 Acq: 29 Jul 2018 14:47

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.5	17.3	52.0
77	30.7	25.0	37.6





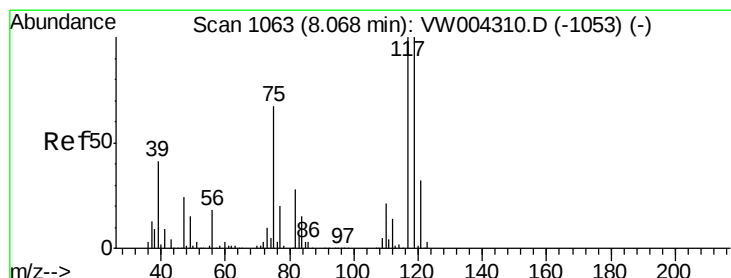
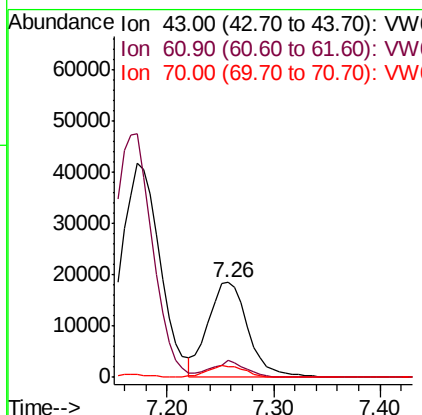
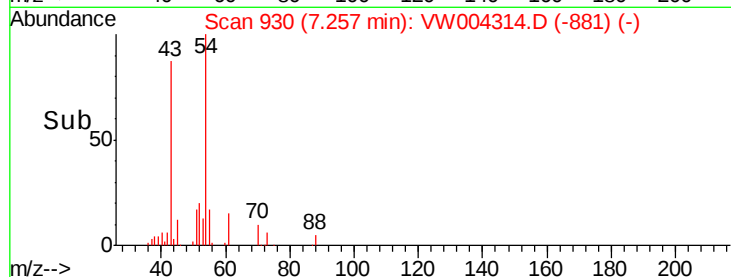
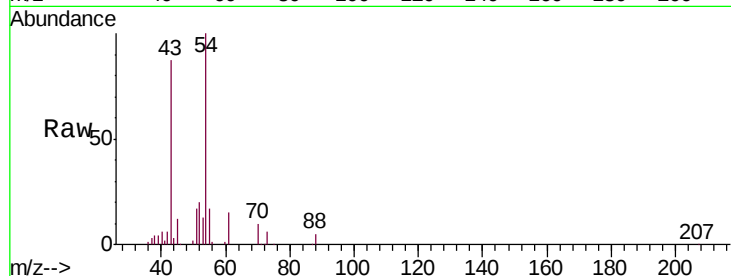
#37
Ethyl Acetate
Concen: 44.46 ug/l
RT: 7.26 min Scan# 930
Delta R.T. -0.00 min
Lab File: VW004314.D
Acq: 29 Jul 2018 14:47

Instrument :
MSVOA_W
ClientSampleId :
ICVW073018

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.5	11.1	16.7
70	11.9	7.8	11.6

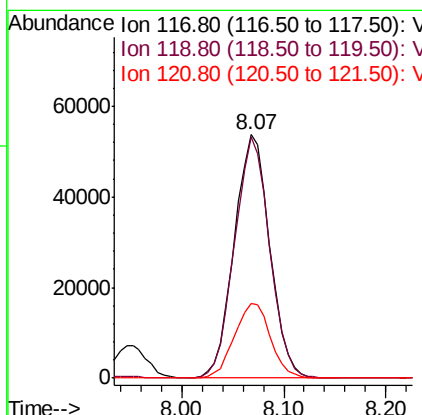
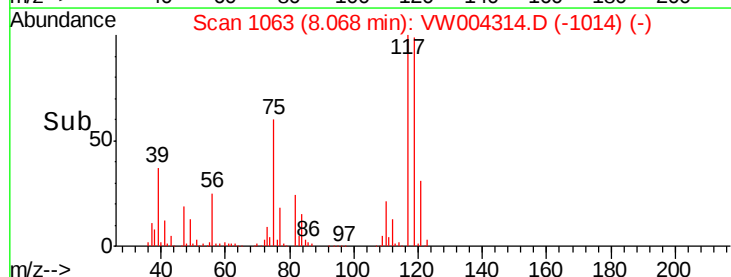
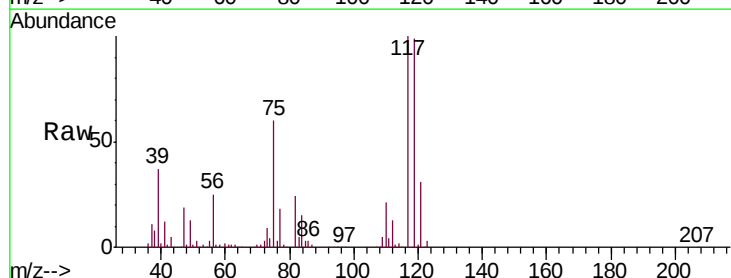
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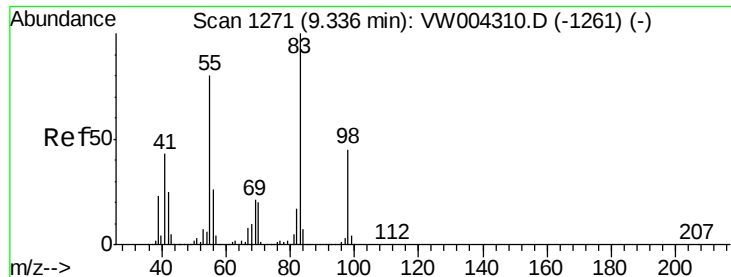
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#38
Carbon Tetrachloride
Concen: 49.97 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. -0.00 min
Lab File: VW004314.D
Acq: 29 Jul 2018 14:47

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.9	79.7	119.5
121	30.9	25.7	38.5





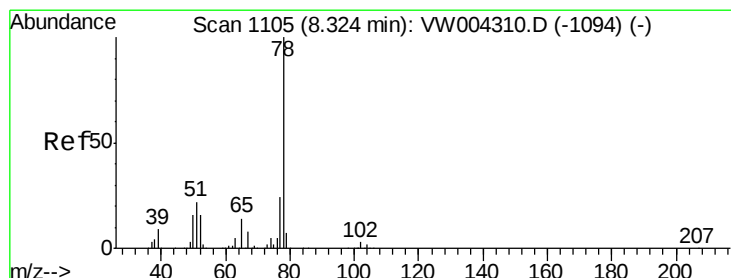
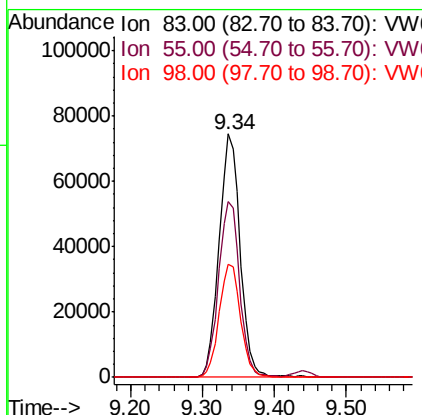
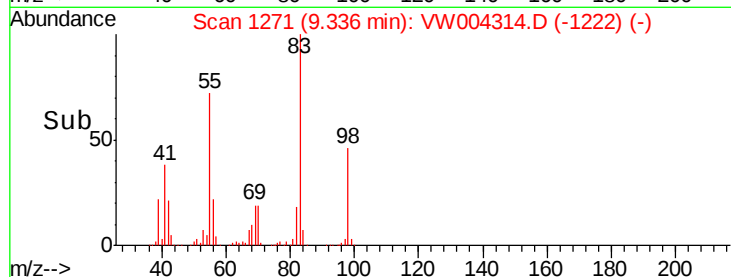
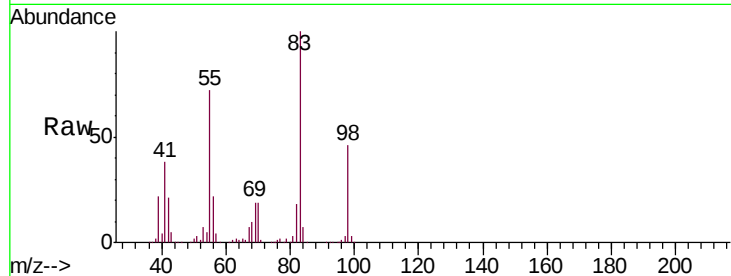
#39
Methvlcvclohexane
Concen: 48.03 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VW004314.D
Acq: 29 Jul 2018 14:47

Instrument :
MSVOA_W
ClientSampleId :
ICVW073018

Tot Ion	Ratio	Resp	Lower	Upper
83	100	152230		
55	72.2		64.3	96.5
98	46.4		36.3	54.5

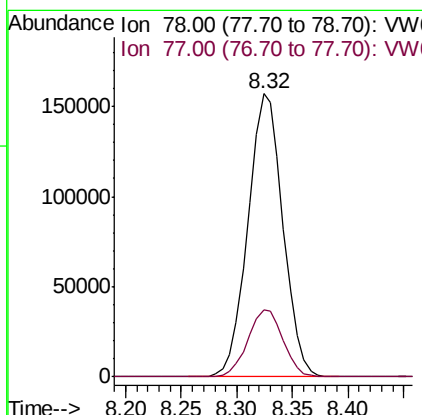
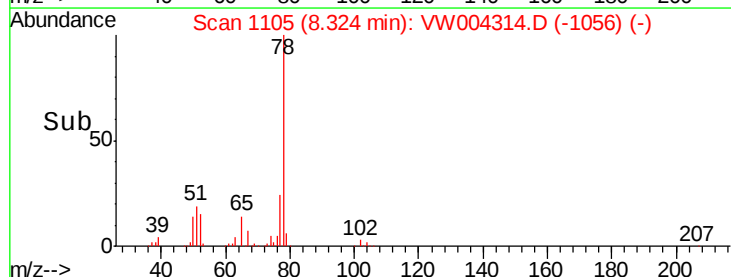
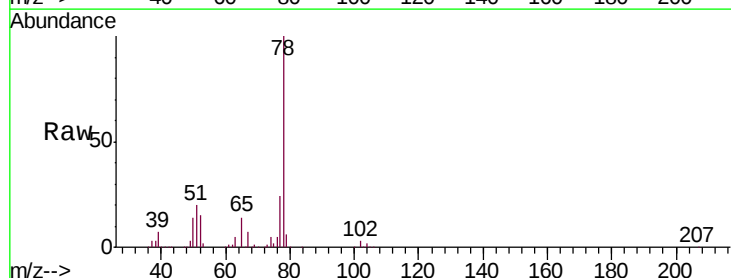
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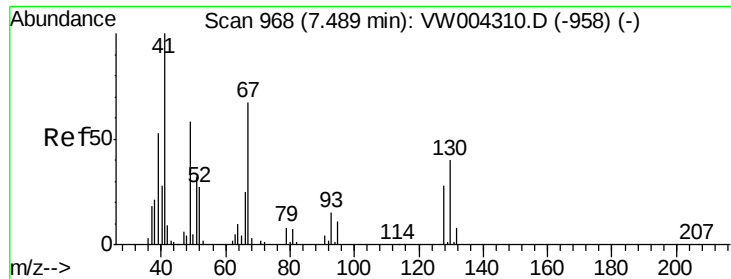
apatel
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#40
Benzene
Concen: 46.41 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VW004314.D
Acq: 29 Jul 2018 14:47

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	343393		
77	23.6		19.4	29.0





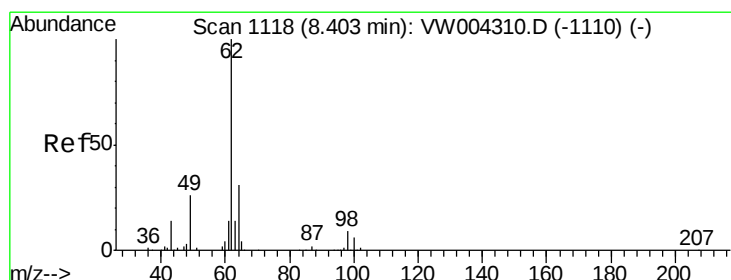
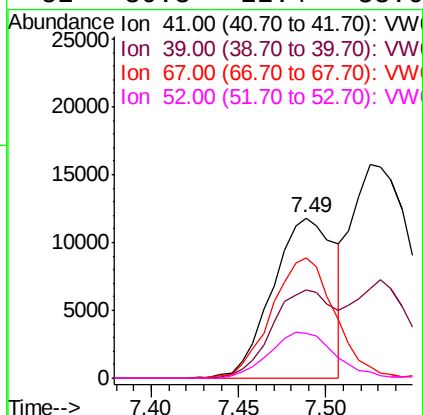
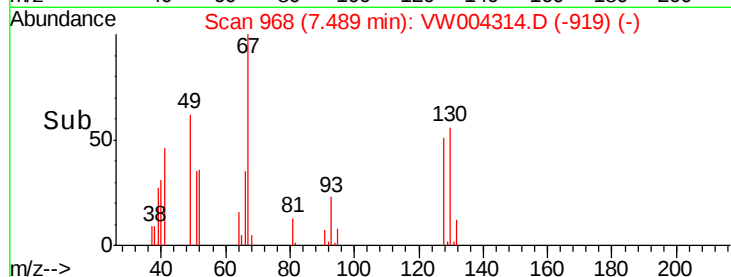
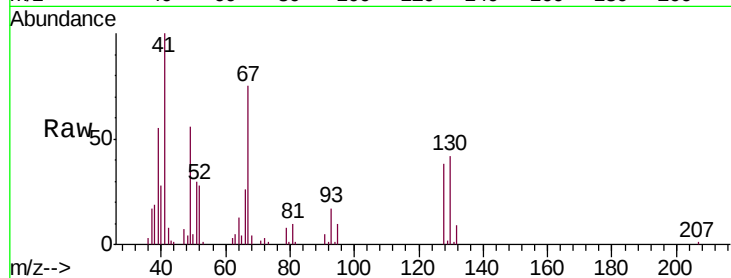
#41
Methacrylonitrile
Concen: 41.94 ug/l
RT: 7.49 min Scan# 968
Delta R.T. 0.00 min
Lab File: VW004314.D
Acq: 29 Jul 2018 14:47

Instrument :
MSVOA_W
ClientSampleId :
ICVW073018

Tot Ion	Ratio	Lower	Upper
41	100		
39	54.8	41.2	61.8
67	76.7	53.4	80.0
52	30.3	22.4	33.6

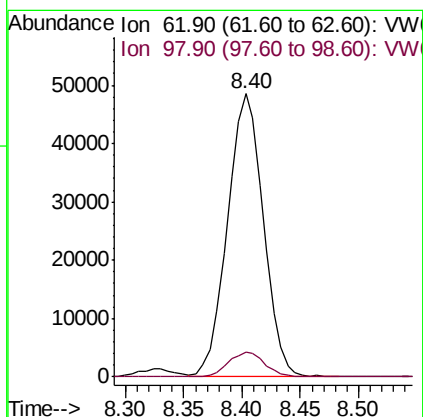
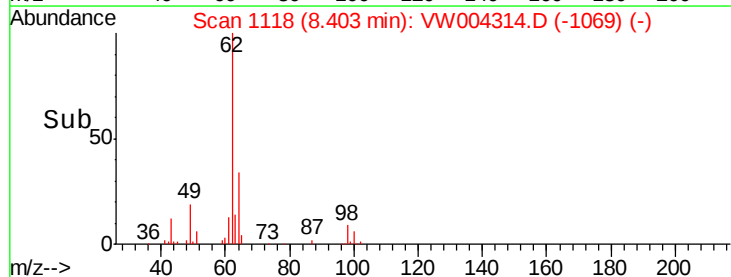
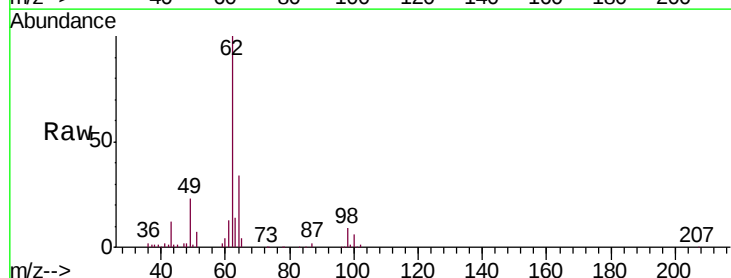
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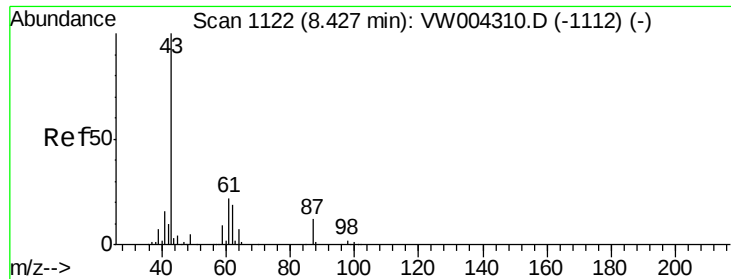
apatel
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#42
1,2-Dichloroethane
Concen: 49.19 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. -0.00 min
Lab File: VW004314.D
Acq: 29 Jul 2018 14:47

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	18.4





#43

Isopropyl Acetate

Concen: 47.50 ug/l

RT: 8.43 min Scan# 1122

Delta R.T. -0.00 min

Lab File: VW004314.D

Acq: 29 Jul 2018 14:47

Instrument :

MSVOA_W

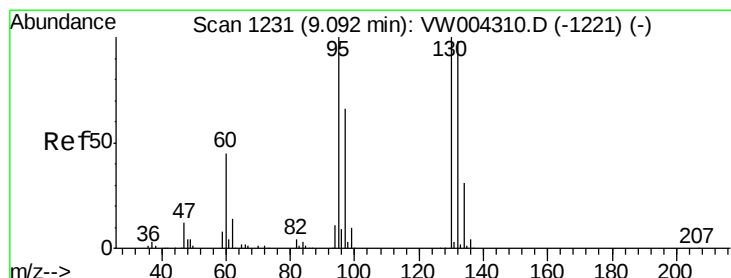
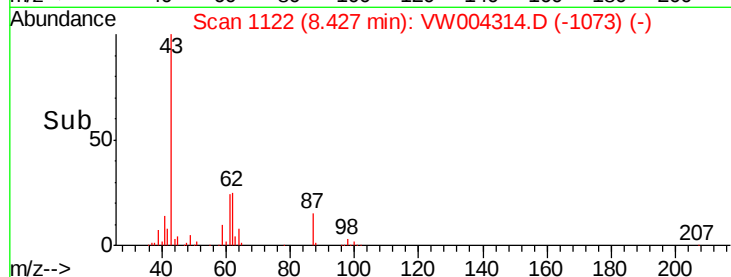
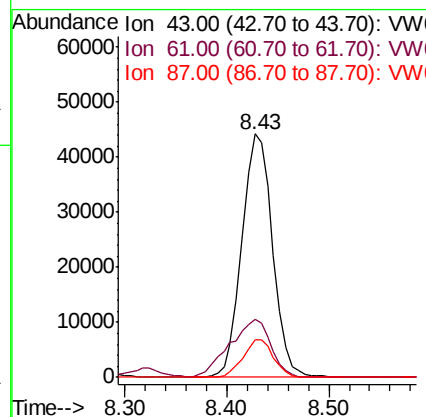
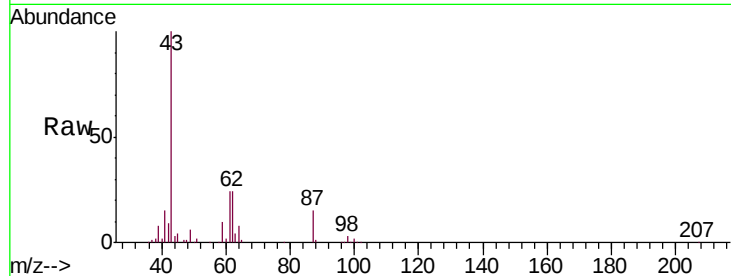
ClientSampleId :

ICVW073018

Tot Ion:	43	Resp:	92275
Ion	Ratio	Lower	Upper
43	100		
61	31.9	24.5	36.7
87	15.3	10.4	15.6

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#44

Trichloroethene

Concen: 50.41 ug/l

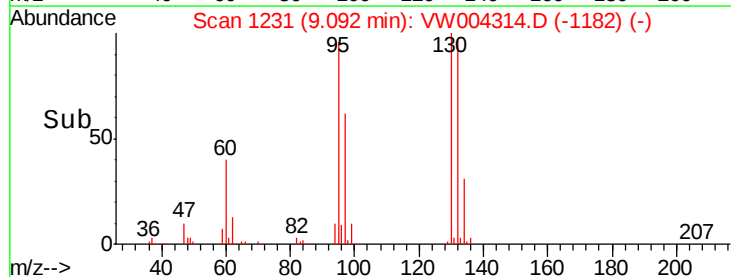
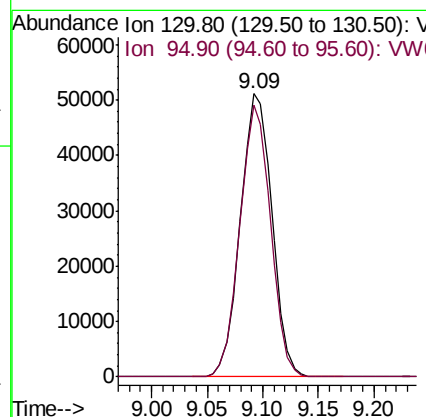
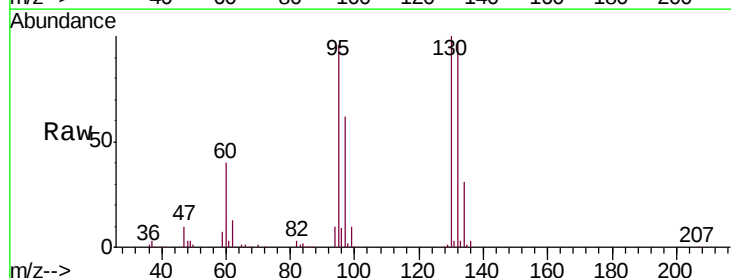
RT: 9.09 min Scan# 1231

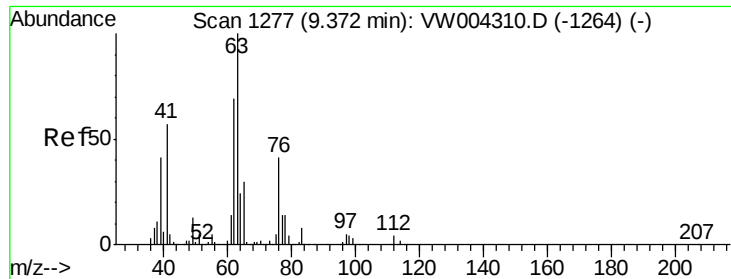
Delta R.T. -0.00 min

Lab File: VW004314.D

Acq: 29 Jul 2018 14:47

Tgt Ion:	130	Resp:	100704
Ion	Ratio	Lower	Upper
130	100		
95	96.0	0.0	199.4





#45

1,2-Dichloropropane

Concen: 42.76 ug/l

RT: 9.37 min Scan# 1277

Delta R.T. -0.00 min

Lab File: VW004314.D

Acq: 29 Jul 2018 14:47

Instrument :

MSVOA_W

ClientSampleId :

ICVW073018

Tot Ion: 63 Resp: 78510

Ion Ratio Lower Upper

63 100

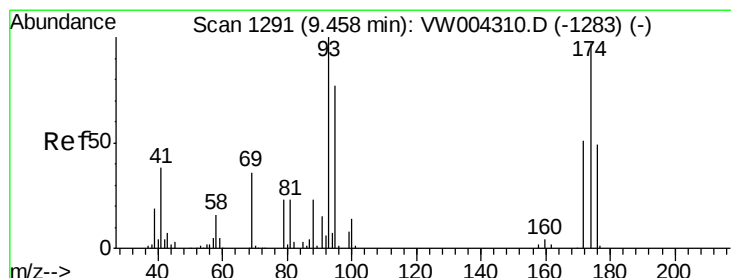
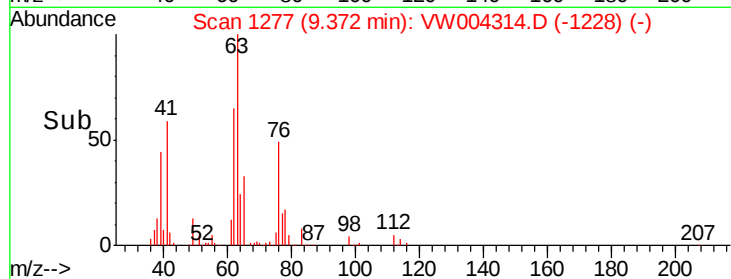
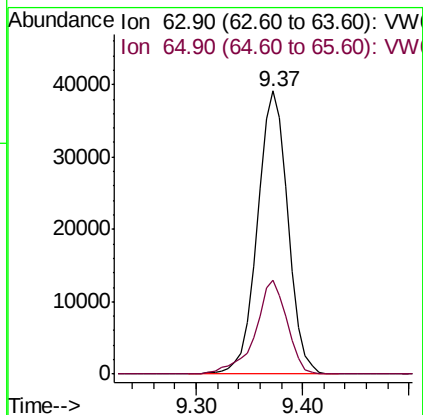
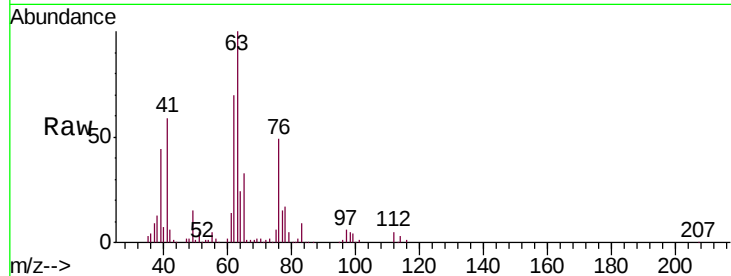
65 33.2 23.9 35.9

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#46

Dibromomethane

Concen: 47.85 ug/l

RT: 9.46 min Scan# 1292

Delta R.T. 0.01 min

Lab File: VW004314.D

Acq: 29 Jul 2018 14:47

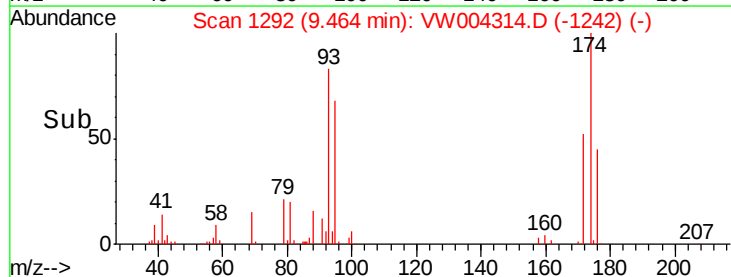
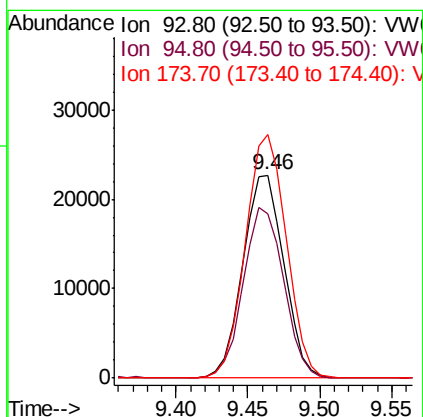
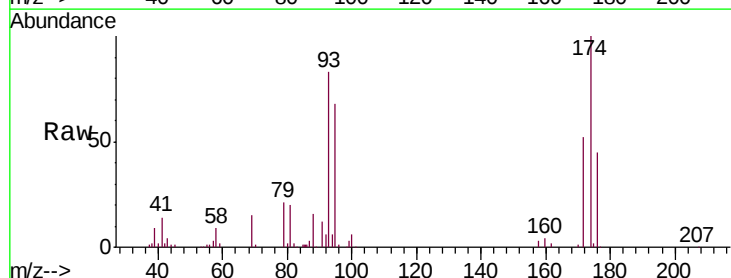
Tgt Ion: 93 Resp: 44864

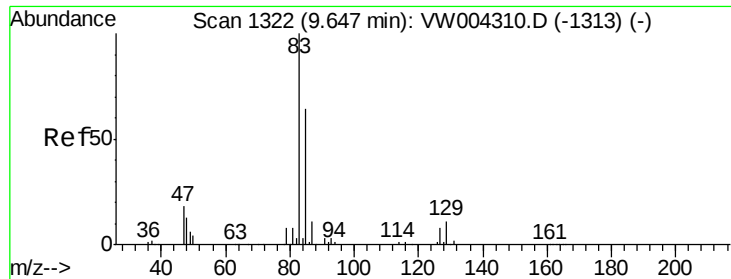
Ion Ratio Lower Upper

93 100

95 82.9 65.8 98.8

174 119.4 83.7 125.5





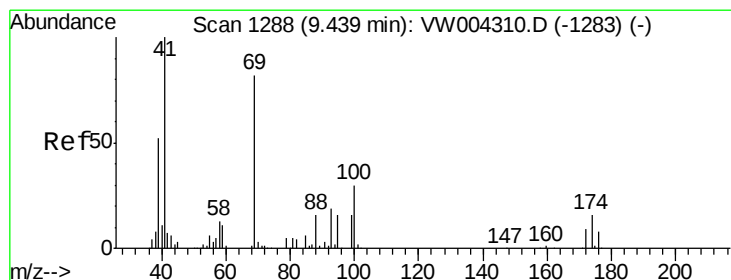
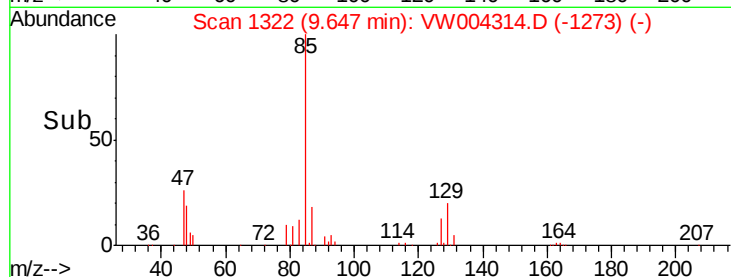
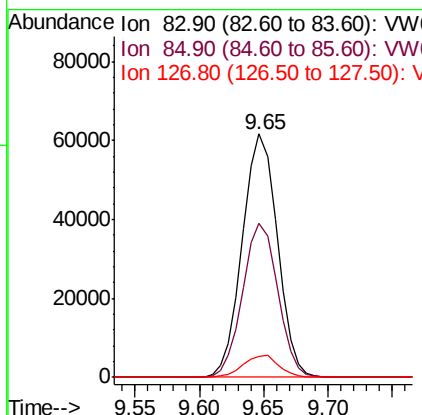
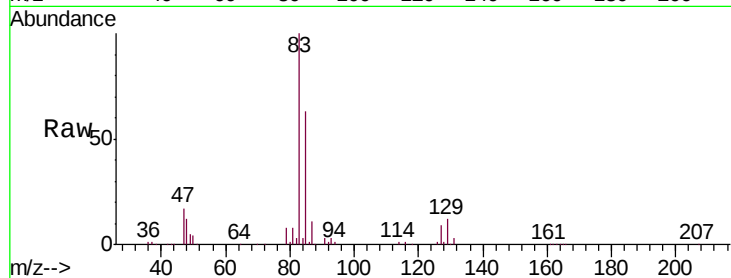
#47
Bromodichloromethane
Concen: 48.95 ug/l
RT: 9.65 min Scan# 1322
Delta R.T. -0.00 min
Lab File: VW004314.D
Acq: 29 Jul 2018 14:47

Instrument :
MSVOA_W
ClientSampleId :
ICVW073018

Tot Ion	83	Resp	116404
Ion Ratio	100	Lower	Upper
83	100		
85	63.2	51.3	76.9
127	8.5	6.6	9.8

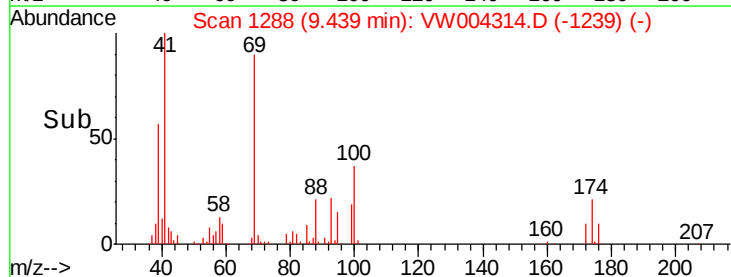
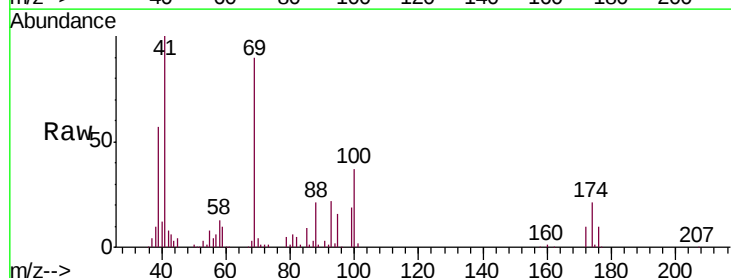
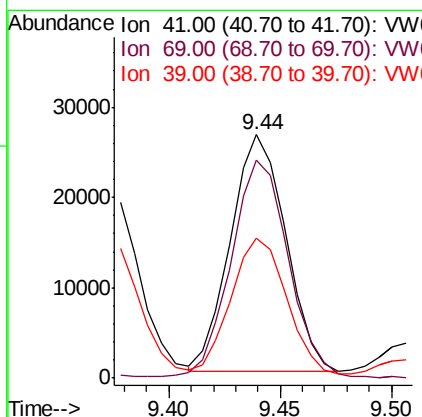
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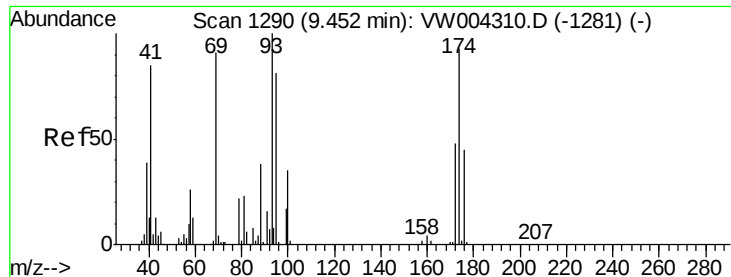
apatel
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#48
Methyl methacrylate
Concen: 45.74 ug/l
RT: 9.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VW004314.D
Acq: 29 Jul 2018 14:47

Tgt Ion	41	Resp	45255
Ion Ratio	100	Lower	Upper
41	100		
69	96.9	69.7	104.5
39	61.6	41.8	62.8





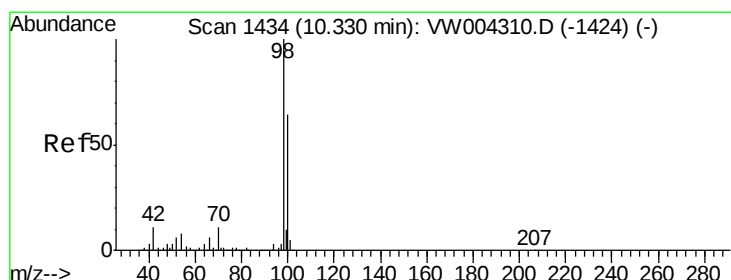
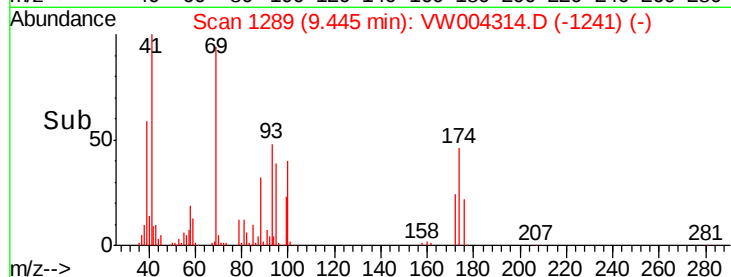
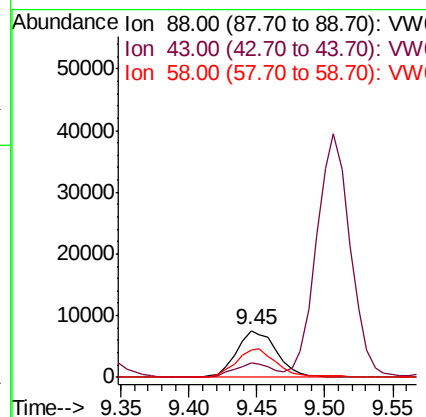
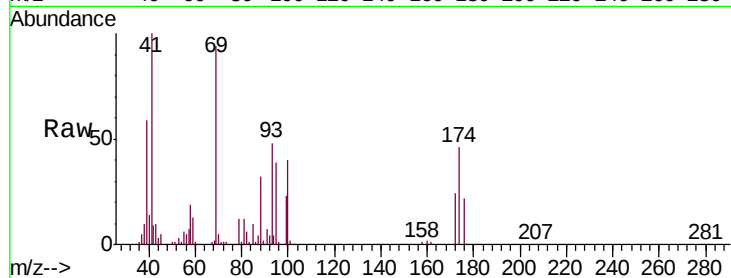
#49
1,4-Dioxane
Concen: 1093.20 ug/l
RT: 9.45 min Scan# 1289
Delta R.T. -0.01 min
Lab File: VW004314.D
Acq: 29 Jul 2018 14:47

Instrument :
MSVOA_W
ClientSampleId :
ICVW073018

Tot Ion	88	Resp	15539
Ion Ratio	Lower	Upper	
88	100		
43	30.3	28.3	42.5
58	62.5	60.2	90.4

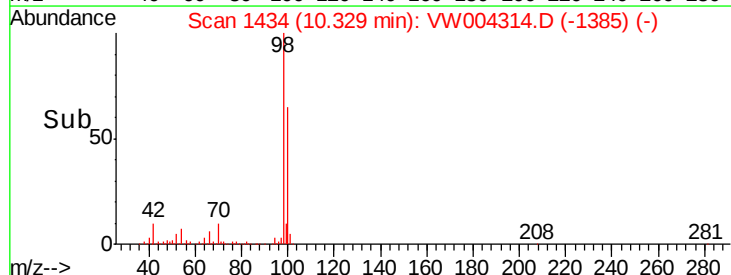
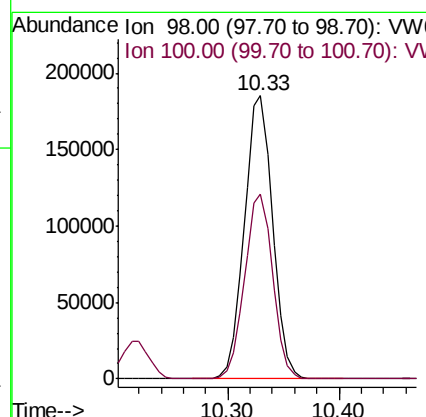
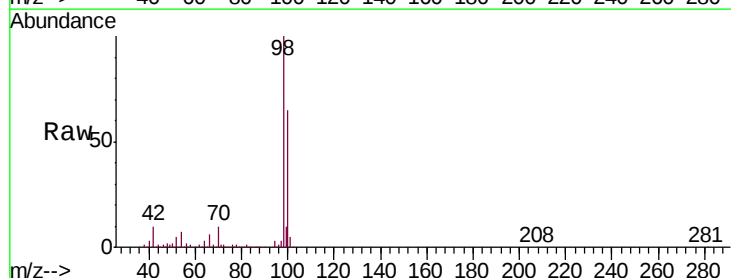
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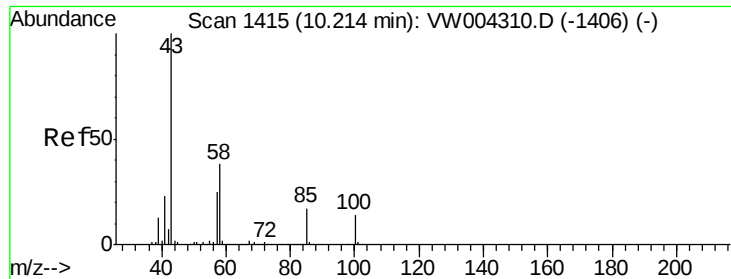
apatel
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#50
Toluene-d8
Concen: 49.55 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VW004314.D
Acq: 29 Jul 2018 14:47

Tgt Ion	98	Resp	325380
Ion Ratio	Lower	Upper	
98	100		
100	64.8	51.5	77.3





#51

4-Methyl-2-Pentanone

Concen: 219.66 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. -0.00 min

Lab File: VW004314.D

Acq: 29 Jul 2018 14:47

Instrument :

MSVOA_W

ClientSampleId :

ICVW073018

Tot Ion: 43 Resp: 234204

Ion Ratio Lower Upper

43 100

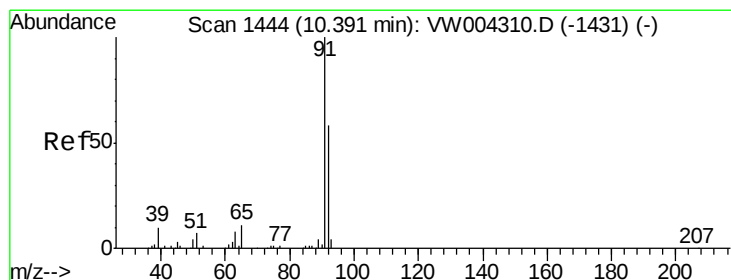
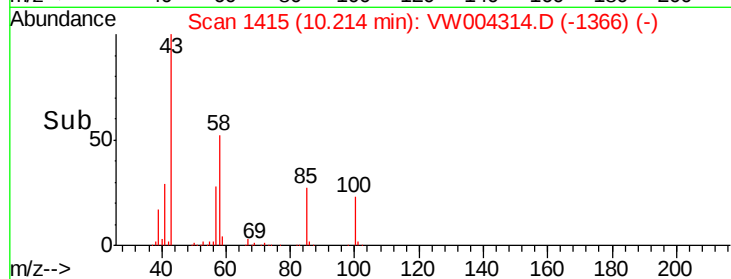
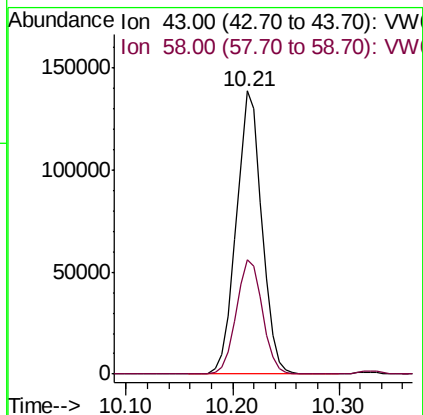
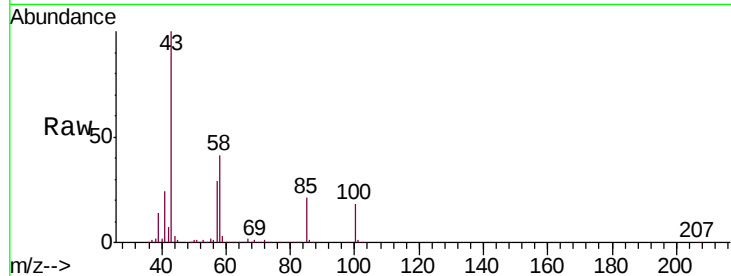
58 41.4 30.6 45.8

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#52

Toluene

Concen: 48.90 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. -0.00 min

Lab File: VW004314.D

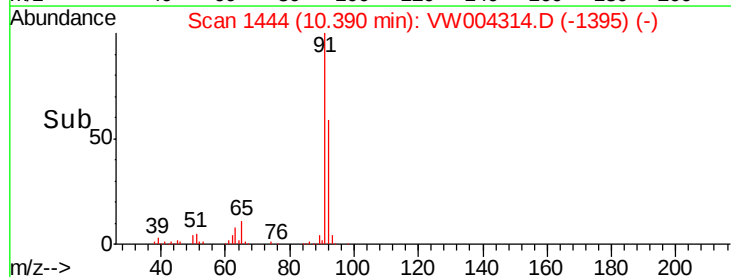
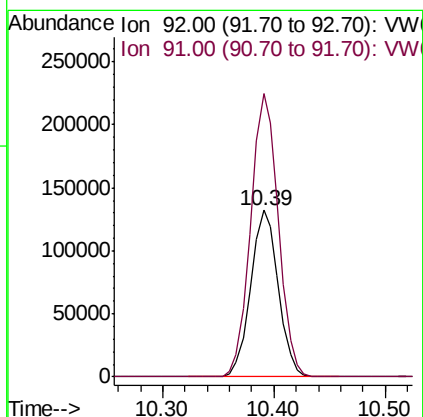
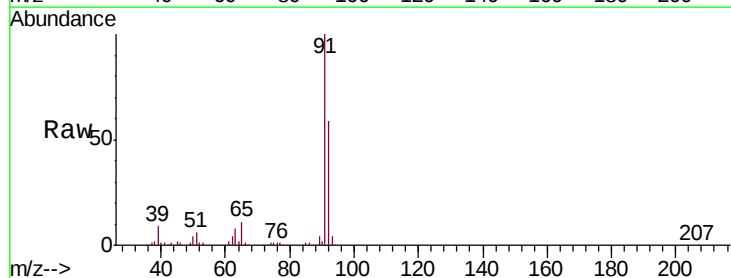
Acq: 29 Jul 2018 14:47

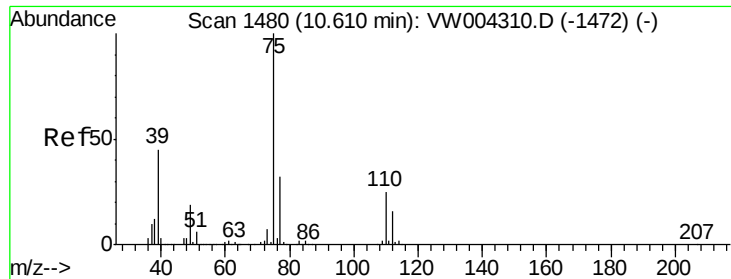
Tgt Ion: 92 Resp: 227174

Ion Ratio Lower Upper

92 100

91 170.9 139.0 208.4





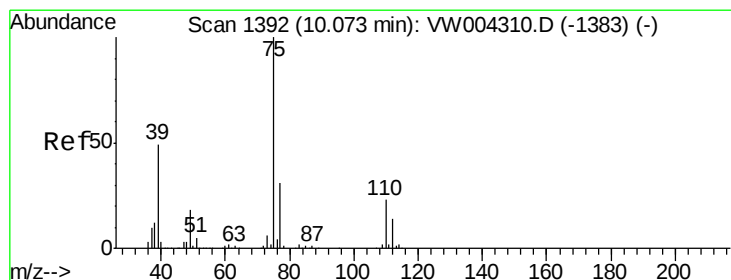
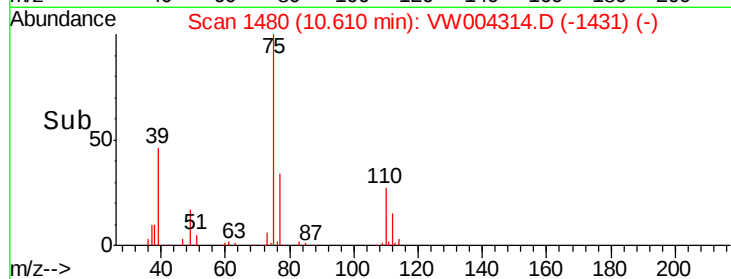
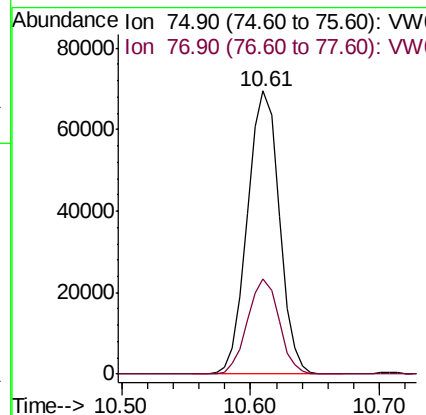
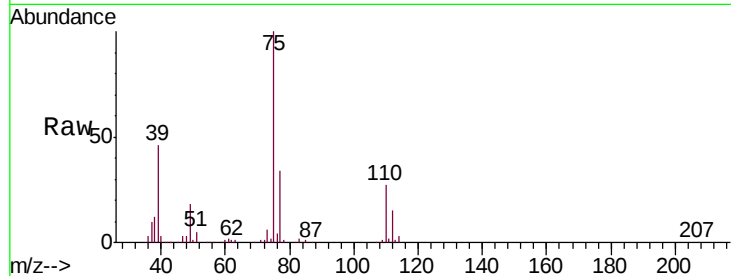
#53
t-1,3-Dichloropropene
Concen: 49.85 ug/l
RT: 10.61 min Scan# 1480
Delta R.T. -0.00 min
Lab File: VW004314.D
Acq: 29 Jul 2018 14:47

Instrument :
MSVOA_W
ClientSampleId :
ICVW073018

Tot Ion	Ratio	Lower	Upper
75	100		
77	33.7	25.8	38.6

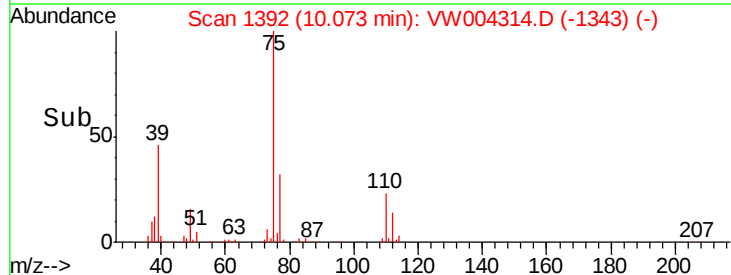
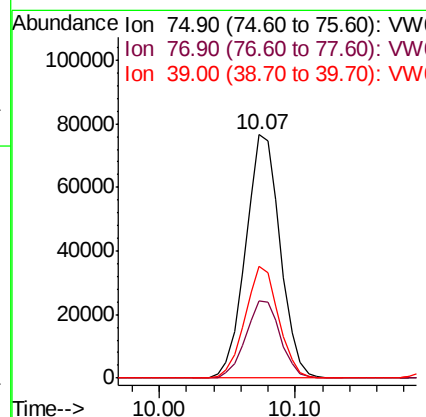
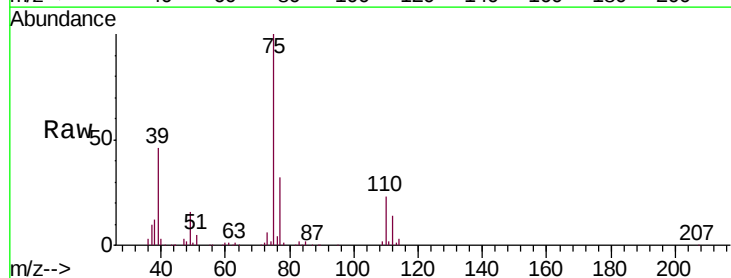
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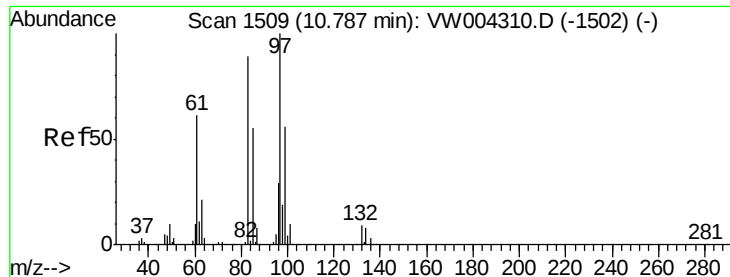
apatel
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#54
cis-1,3-Dichloropropene
Concen: 48.85 ug/l
RT: 10.07 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW004314.D
Acq: 29 Jul 2018 14:47

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.0	37.4
39	45.8	39.0	58.6





#55

1,1,2-Trichloroethane

Concen: 48.27 ug/l

RT: 10.79 min Scan# 1509

Delta R.T. -0.00 min

Lab File: VW004314.D

Acq: 29 Jul 2018 14:47

Instrument :

MSVOA_W

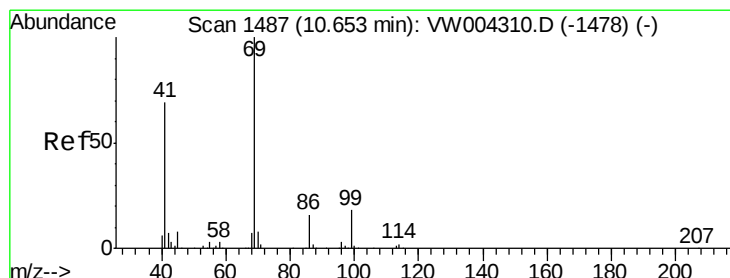
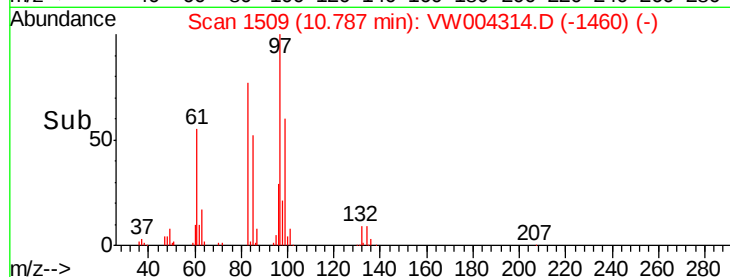
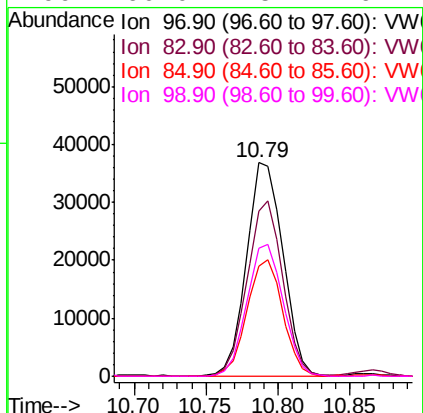
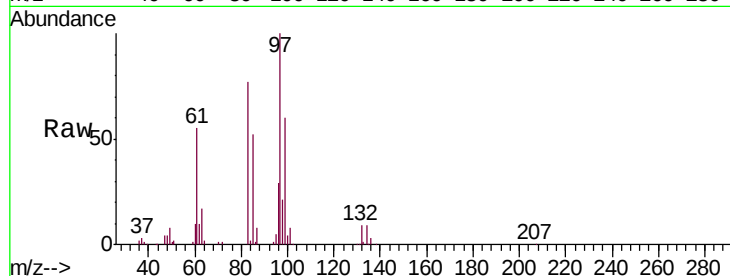
ClientSampled :

ICVW073018

Tot Ion:	97	Resp:	64492
Ion	Ratio	Lower	Upper
97	100		
83	77.1	70.8	106.2
85	51.8	43.7	65.5
99	60.0	45.1	67.7

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#56

Ethyl methacrylate

Concen: 51.64 ug/l

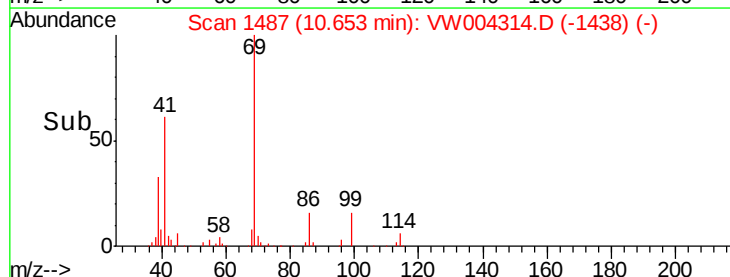
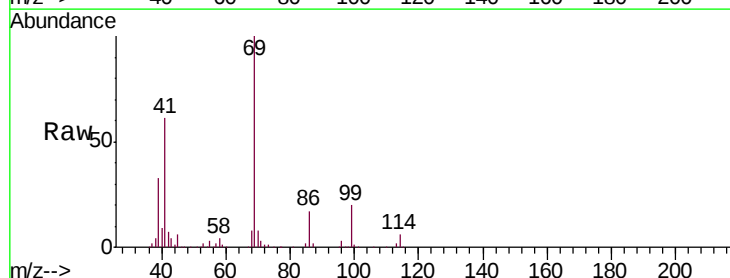
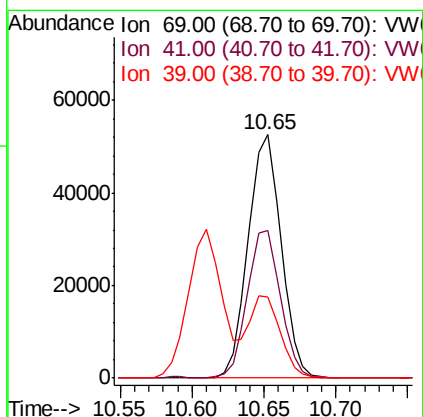
RT: 10.65 min Scan# 1487

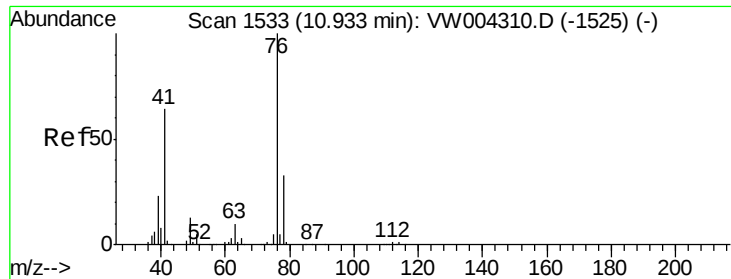
Delta R.T. -0.00 min

Lab File: VW004314.D

Acq: 29 Jul 2018 14:47

Tgt Ion:	69	Resp:	83478
Ion	Ratio	Lower	Upper
69	100		
41	60.3	54.7	82.1
39	31.1	24.4	36.6





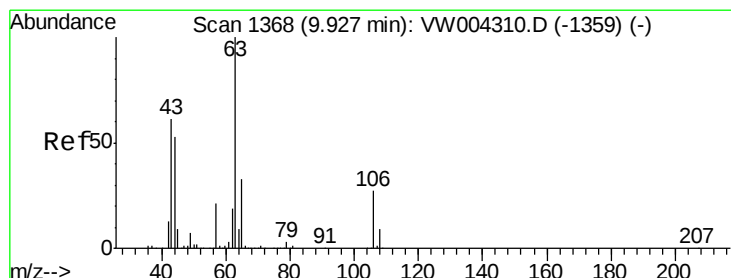
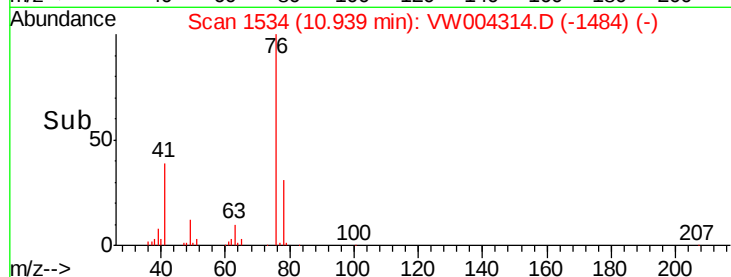
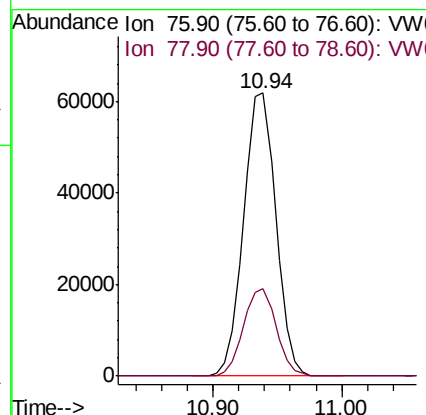
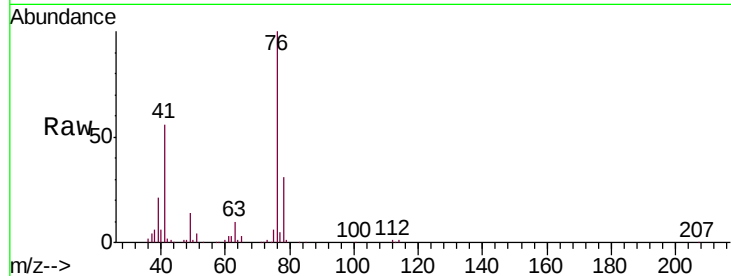
#57
 1,3-Dichloropropane
 Concen: 47.06 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.01 min
 Lab File: VW004314.D
 Acq: 29 Jul 2018 14:47

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW073018

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.5	25.6	38.4

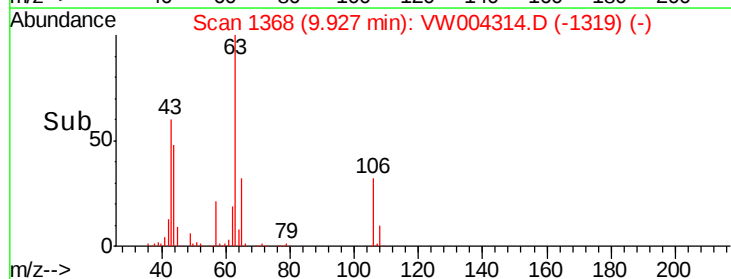
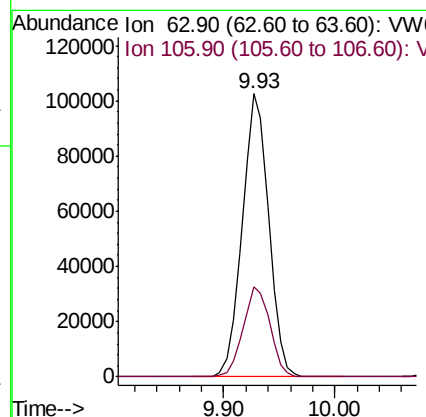
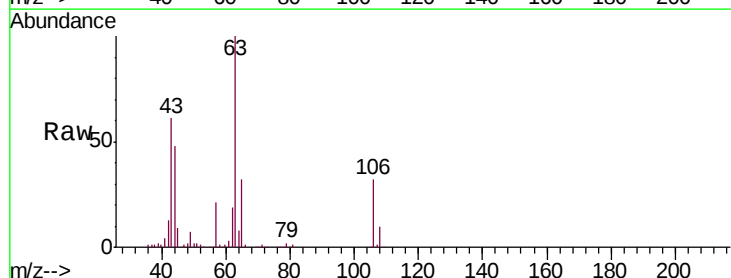
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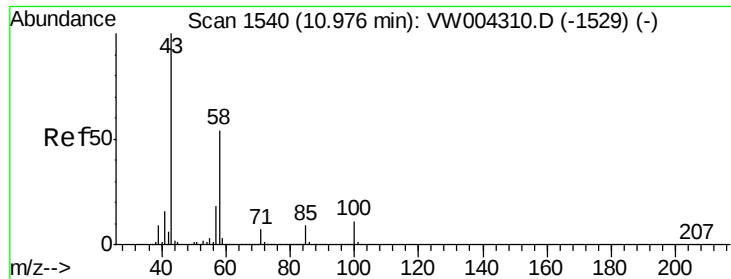
apatel
 7/30/2018 10:32:48 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 234.37 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. -0.00 min
 Lab File: VW004314.D
 Acq: 29 Jul 2018 14:47

Tgt Ion	Ratio	Lower	Upper
63	100		
106	32.3	21.9	32.9





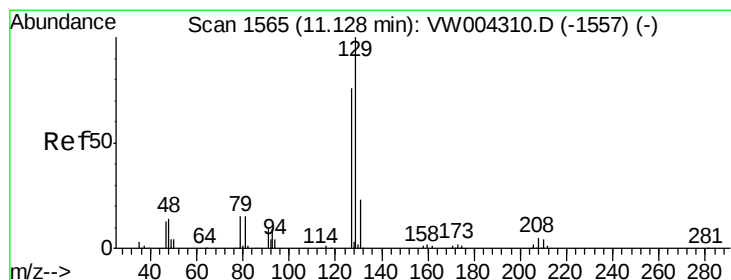
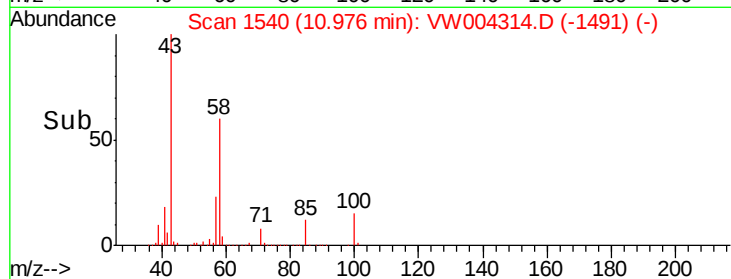
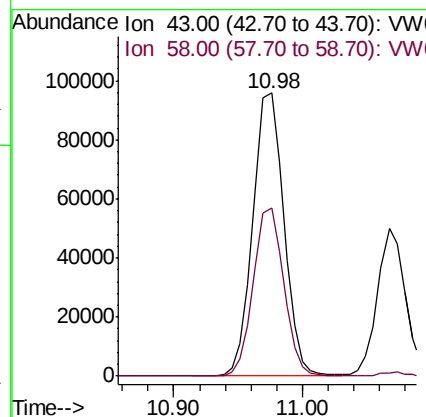
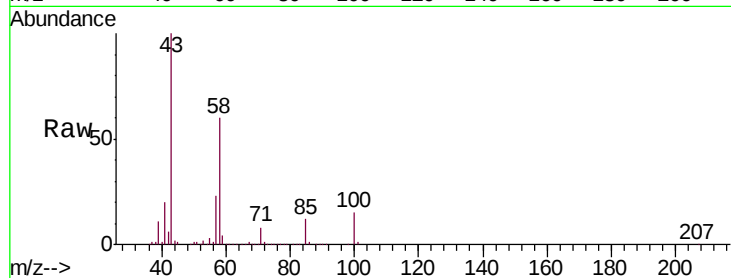
#59
2-Hexanone
Concen: 217.99 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW004314.D
Acq: 29 Jul 2018 14:47

Instrument :
MSVOA_W
ClientSampleId :
ICVW073018

Tot Ion	43	Resp	159592
Ion Ratio	43	100	
Lower	58	58.3	26.5
Upper			79.4

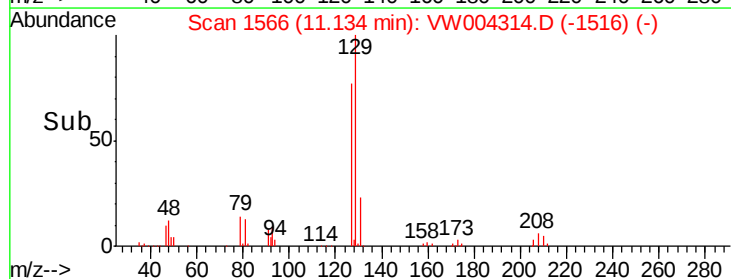
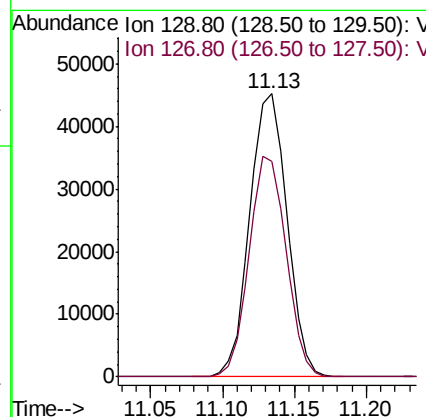
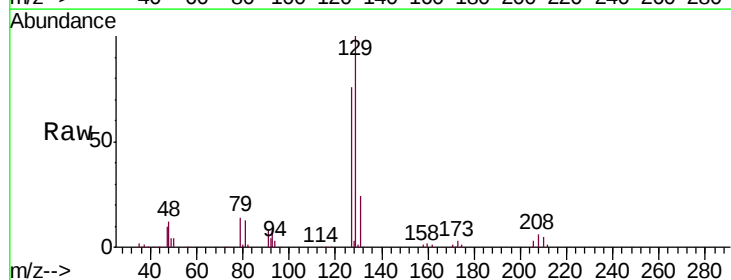
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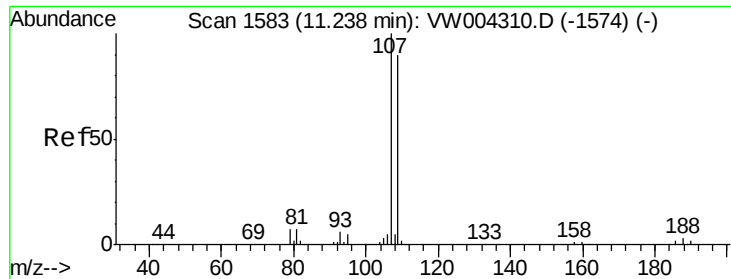
apatel
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#60
Dibromochloromethane
Concen: 50.68 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VW004314.D
Acq: 29 Jul 2018 14:47

Tgt Ion	129	Resp	81020
Ion Ratio	129	100	
Lower	127	77.5	38.9
Upper			116.7





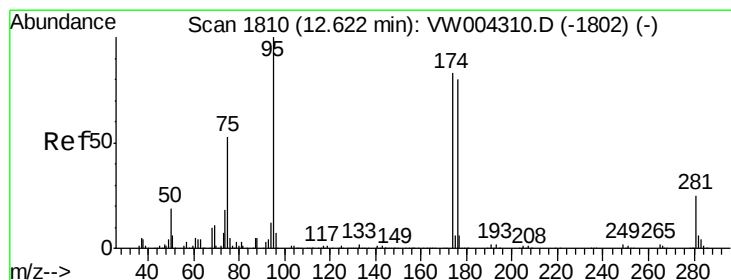
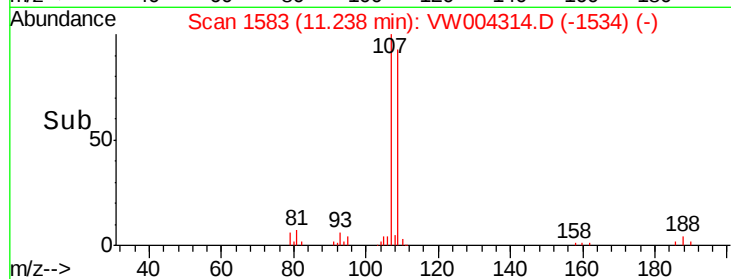
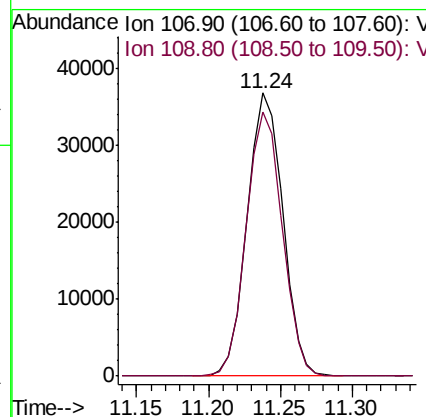
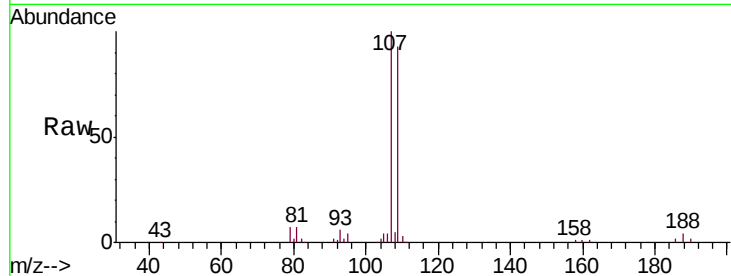
#61
 1,2-Dibromoethane
 Concen: 49.60 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: VW004314.D
 Acq: 29 Jul 2018 14:47

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW073018

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.9	74.6	112.0

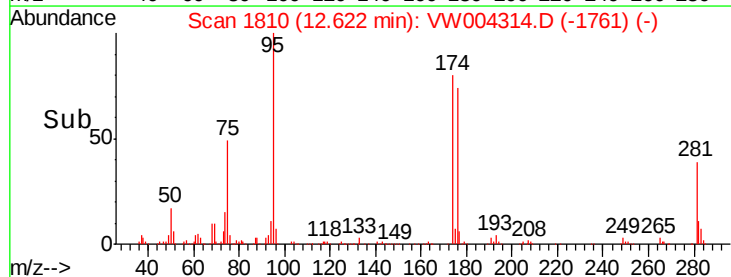
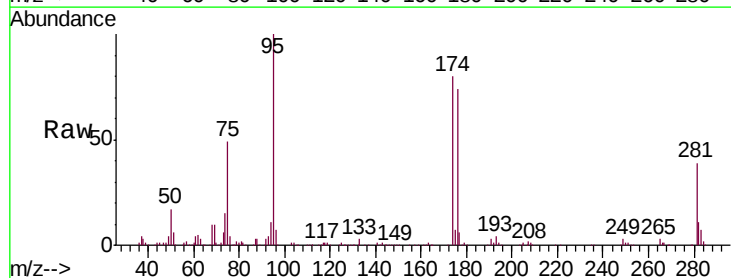
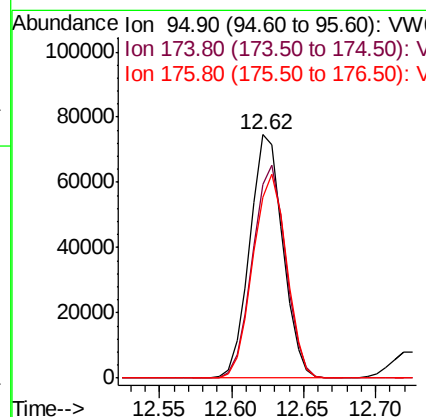
Manual Integrations
 APPROVED

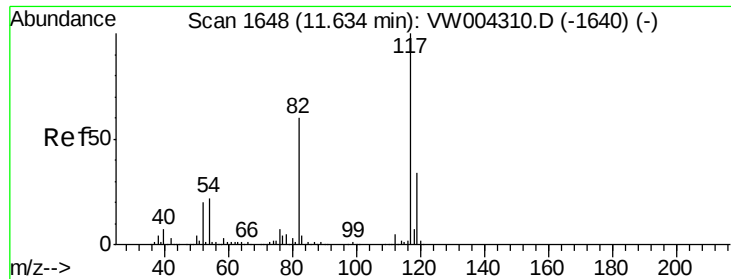
apatel
 7/30/2018 10:32:48 AM



#62
 4-Bromofluorobenzene
 Concen: 51.27 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VW004314.D
 Acq: 29 Jul 2018 14:47

Tgt Ion	Ratio	Lower	Upper
95	100		
174	87.5	0.0	167.8
176	85.3	0.0	162.4





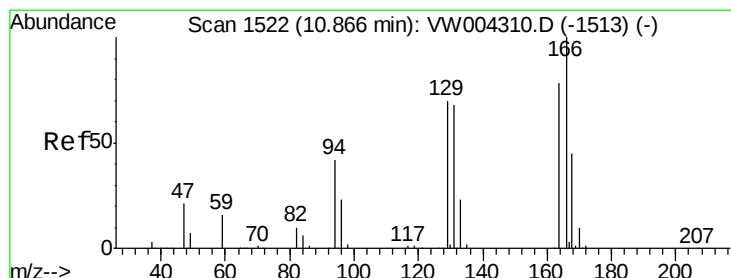
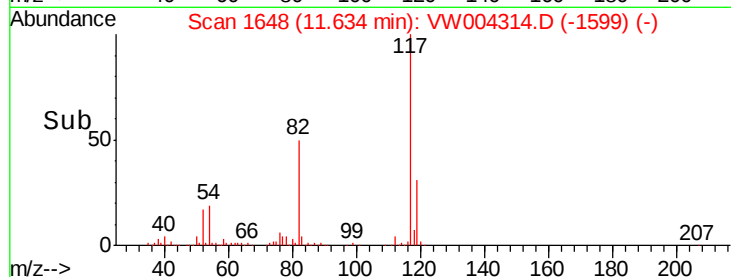
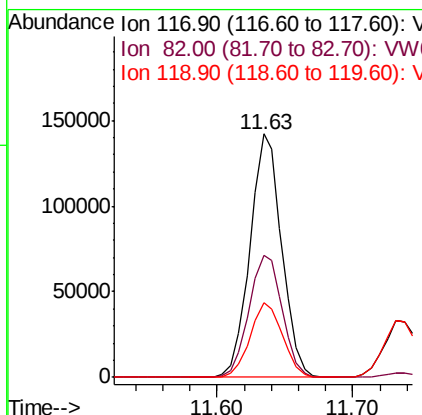
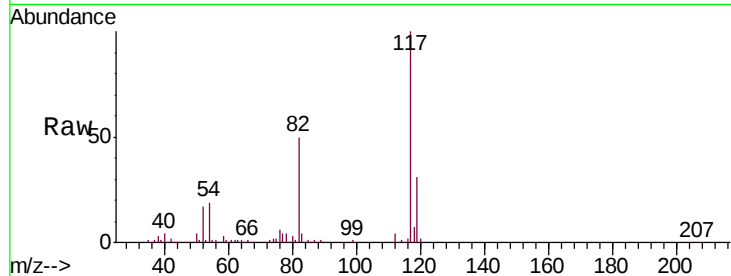
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004314.D
Acq: 29 Jul 2018 14:47

Instrument :
MSVOA_W
ClientSampleId :
ICVW073018

Tot Ion	Ratio	Resp	Lower	Upper
117	100	232210		
82	50.0		47.9	71.9
119	30.5		27.1	40.7

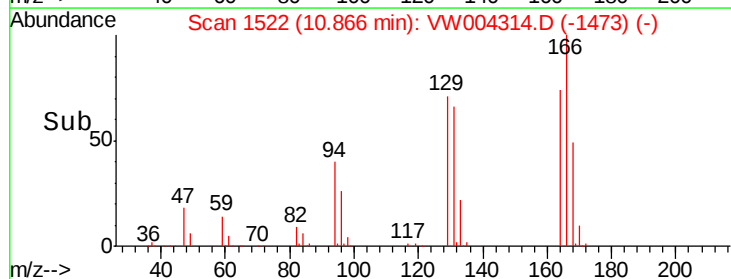
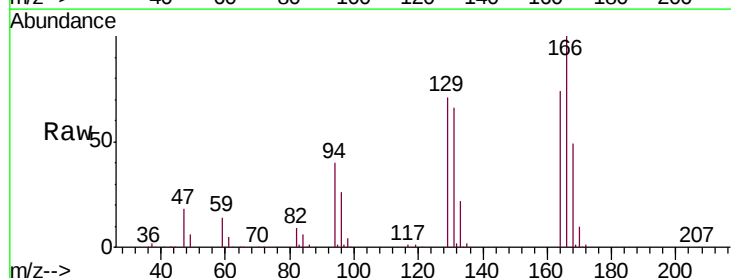
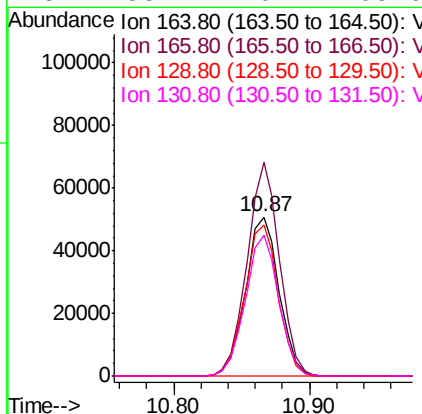
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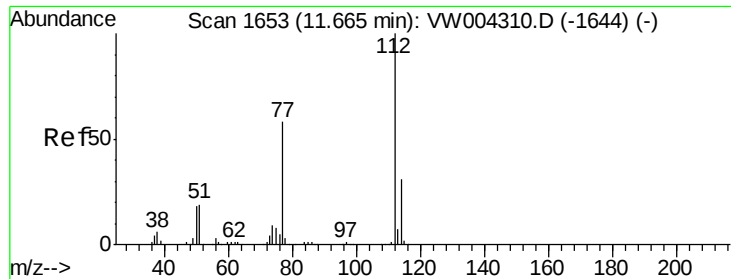
apatel
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#64
Tetrachloroethene
Concen: 51.47 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW004314.D
Acq: 29 Jul 2018 14:47

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	87561		
166	134.5		103.2	154.8
129	95.3		72.1	108.1
131	88.4		70.4	105.6





#65

Chlorobenzene

Concen: 50.57 ug/l

RT: 11.66 min Scan# 1653

Delta R.T. -0.00 min

Lab File: VW004314.D

Acq: 29 Jul 2018 14:47

Instrument :

MSVOA_W

ClientSampleId :

ICVW073018

Tot Ion:112 Resp: 246647

Ion Ratio Lower Upper

112 100

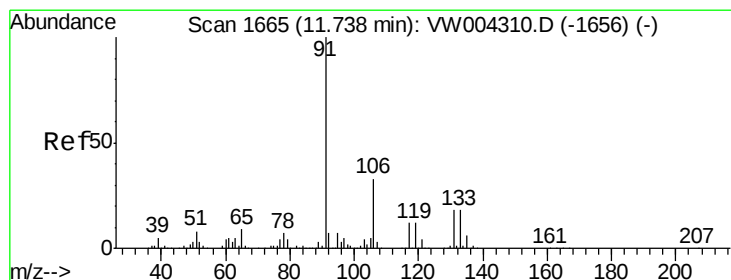
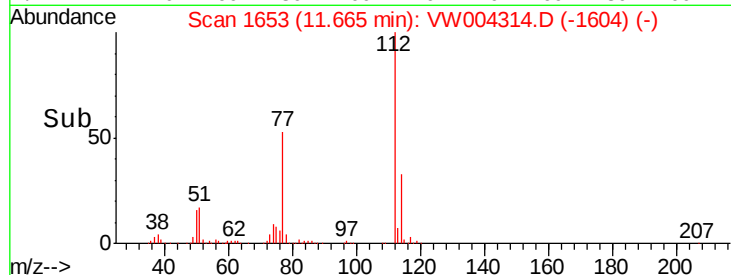
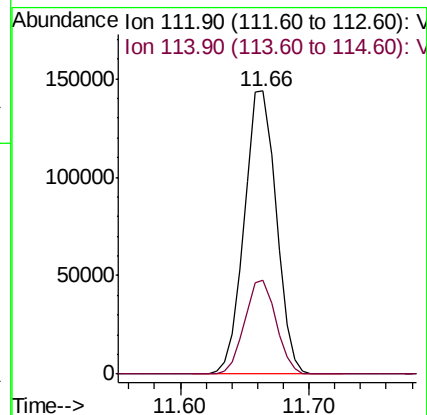
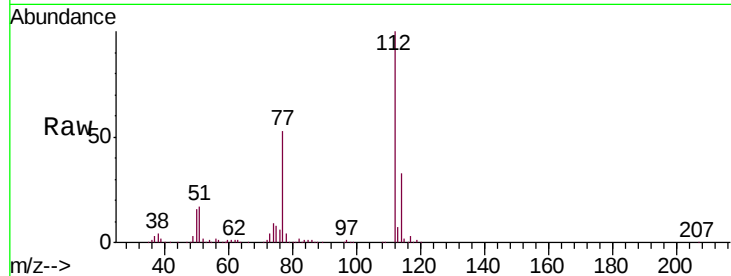
114 33.2 24.7 37.1

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#66

1,1,1,2-Tetrachloroethane

Concen: 52.44 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VW004314.D

Acq: 29 Jul 2018 14:47

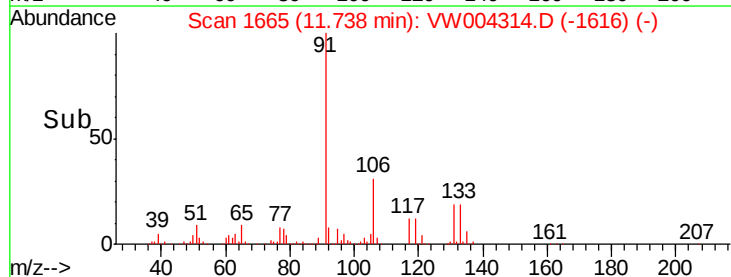
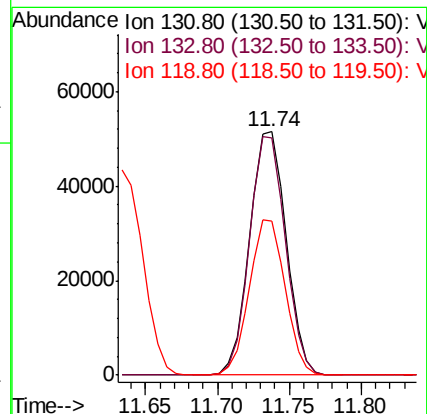
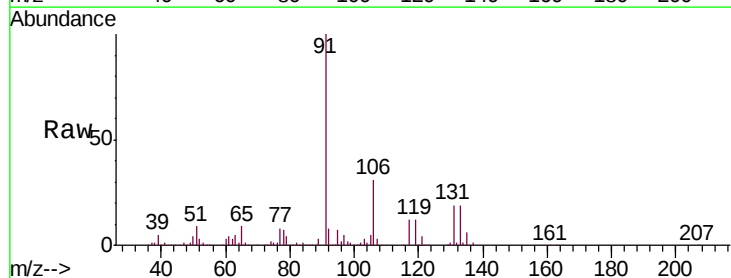
Tgt Ion:131 Resp: 90195

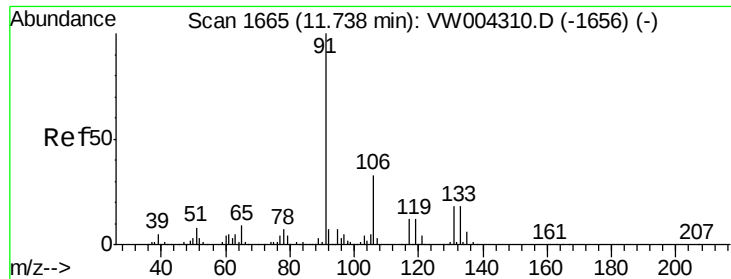
Ion Ratio Lower Upper

131 100

133 96.3 48.6 145.9

119 62.5 33.1 99.5





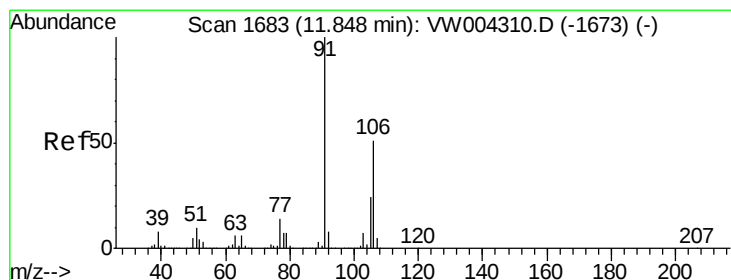
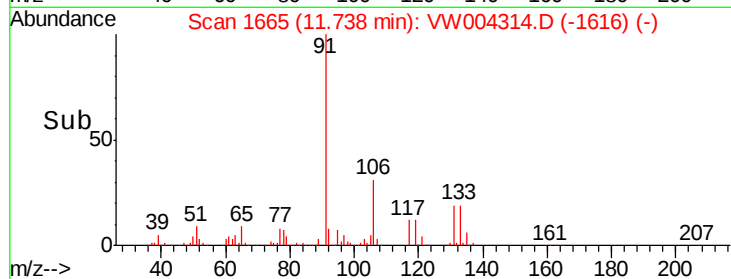
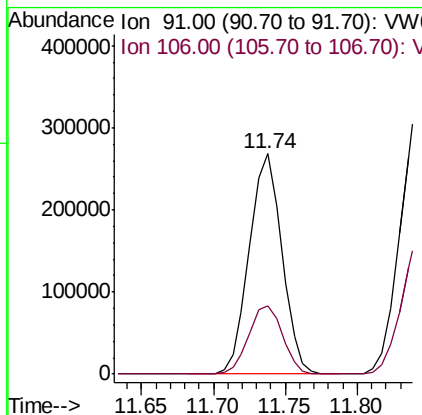
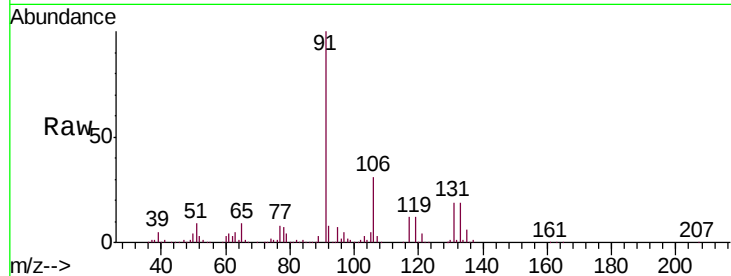
#67
Ethyl Benzene
Concen: 49.56 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW004314.D
Acq: 29 Jul 2018 14:47

Instrument :
MSVOA_W
ClientSampleId :
ICVW073018

Tot Ion	Ratio	Lower	Upper
91	100		
106	31.2	26.1	39.1

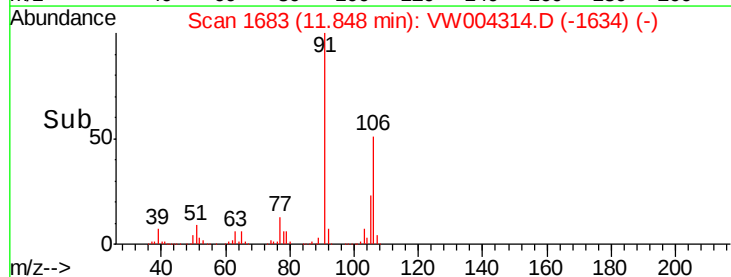
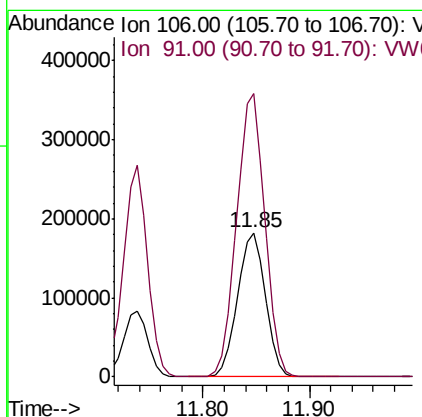
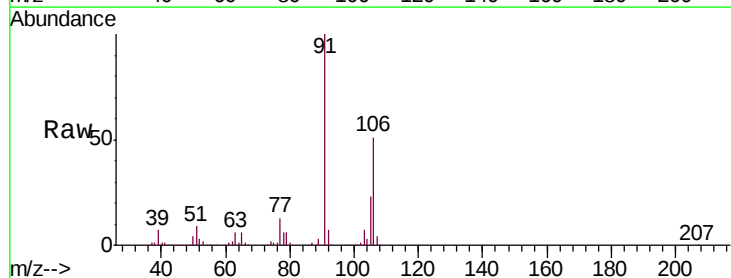
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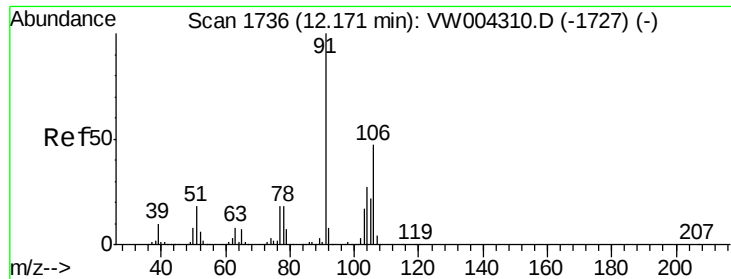
apatel
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#68
m/p-Xylenes
Concen: 102.45 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW004314.D
Acq: 29 Jul 2018 14:47

Tgt Ion	Ratio	Lower	Upper
106	100		
91	199.0	162.2	243.2





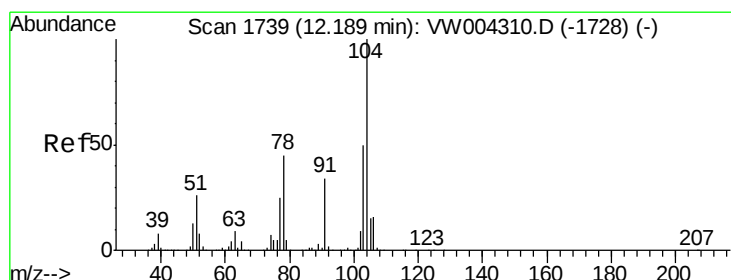
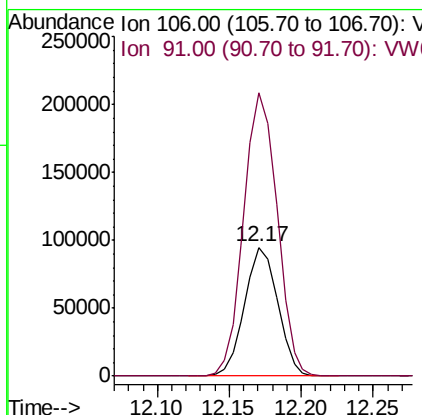
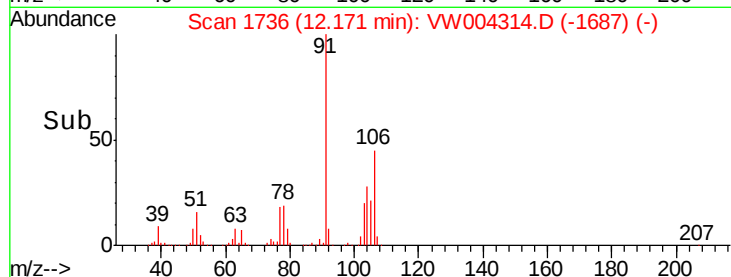
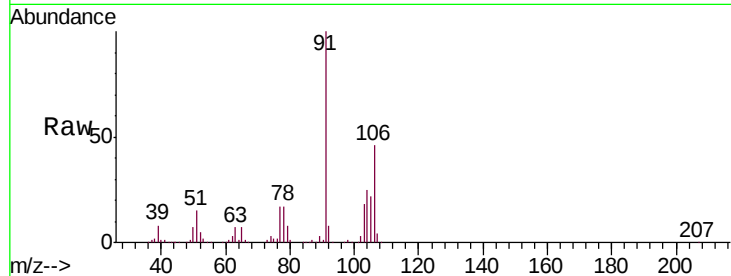
#69
o-Xylene
Concen: 50.46 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW004314.D
Acq: 29 Jul 2018 14:47

Instrument :
MSVOA_W
ClientSampleId :
ICVW073018

Tot Ion	Ratio	Lower	Upper
106	100		
91	221.2	108.7	326.1

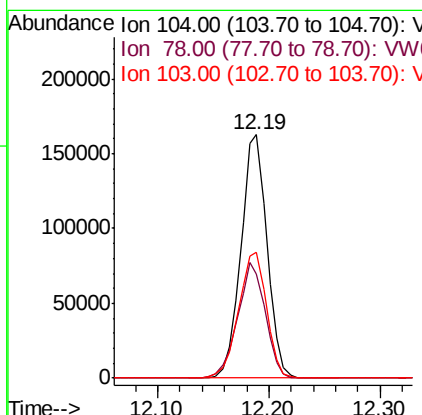
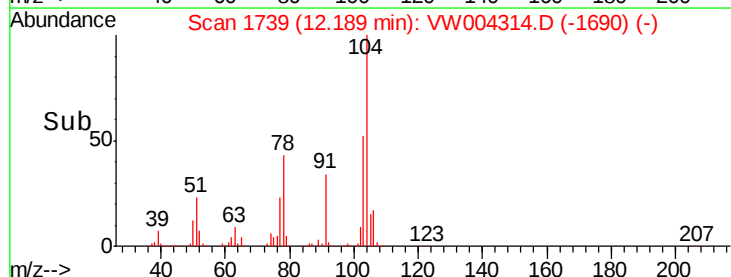
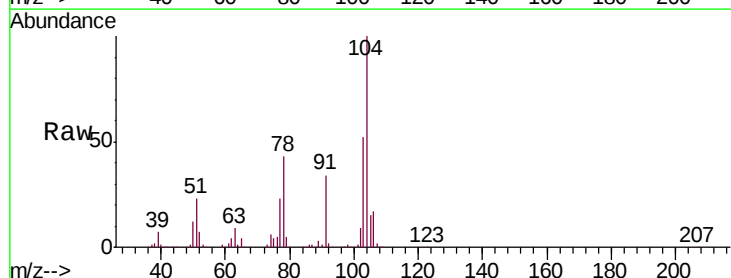
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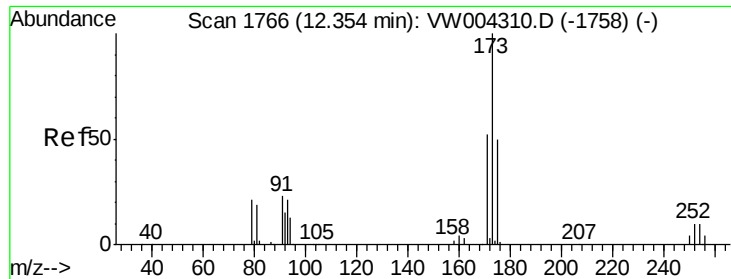
apatel
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#70
Styrene
Concen: 51.69 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. -0.00 min
Lab File: VW004314.D
Acq: 29 Jul 2018 14:47

Tgt Ion	Ratio	Lower	Upper
104	100		
78	50.1	40.9	61.3
103	55.5	45.0	67.6





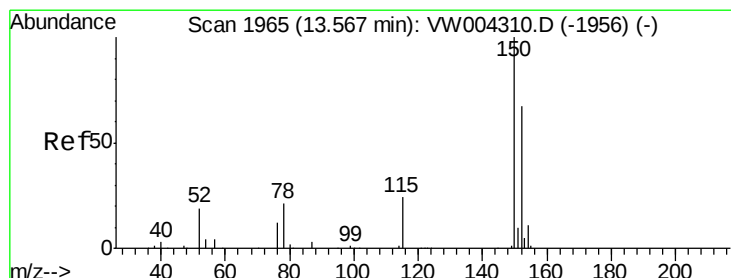
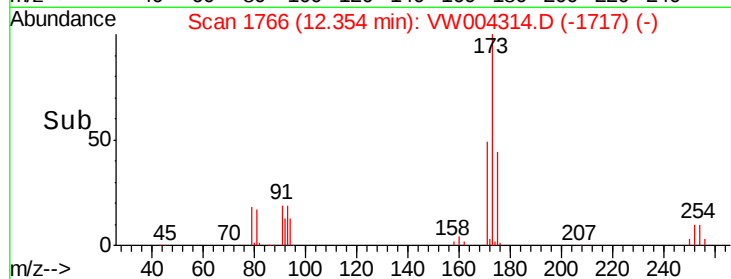
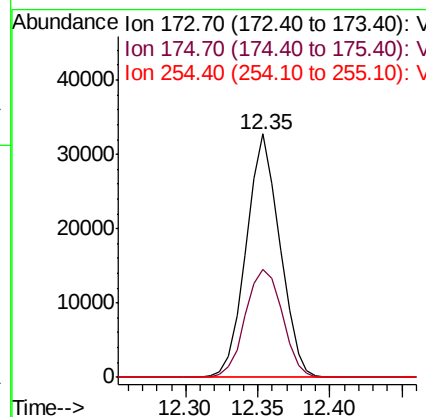
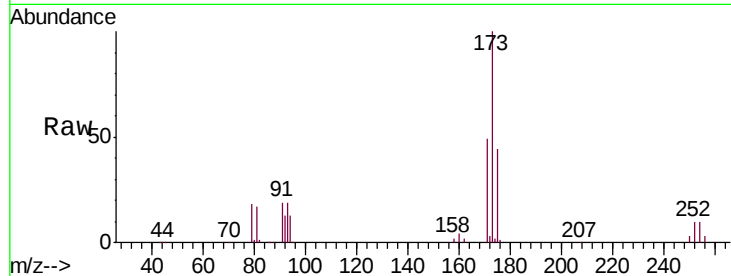
#71
Bromoform
Concen: 54.93 ug/l
RT: 12.35 min Scan# 1766
Delta R.T. -0.00 min
Lab File: VW004314.D
Acq: 29 Jul 2018 14:47

Instrument :
MSVOA_W
ClientSampleId :
ICVW073018

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.6	24.5	73.5
254	0.0	0.2	0.2

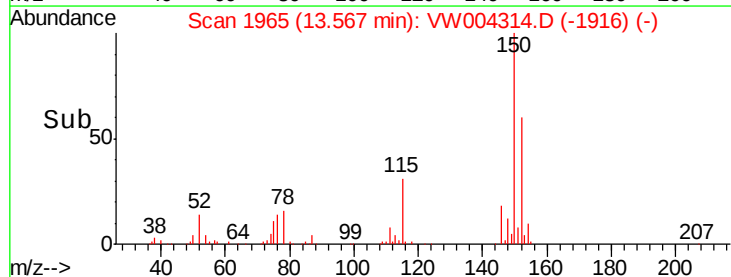
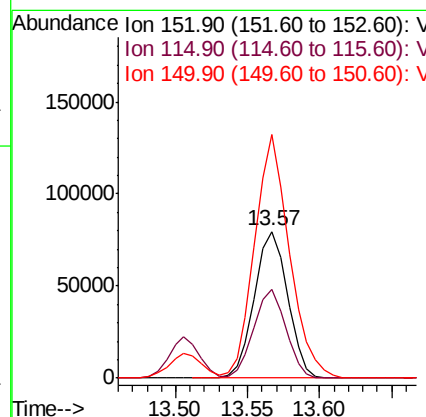
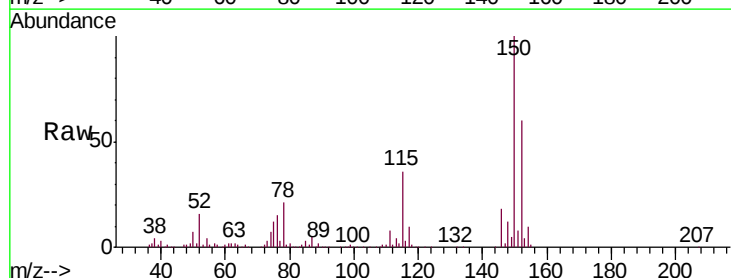
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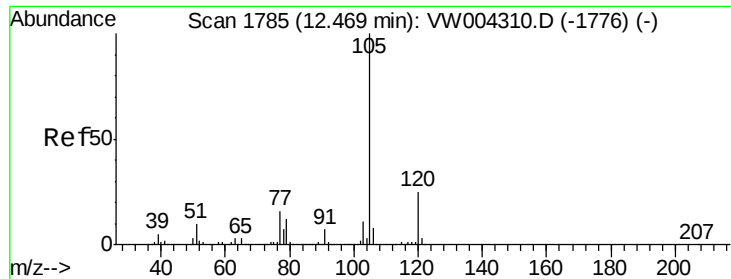
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW004314.D
Acq: 29 Jul 2018 14:47

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.2	28.8	86.4
150	173.1	0.0	346.4





#73

Isopropylbenzene

Concen: 49.89 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VW004314.D

Acq: 29 Jul 2018 14:47

Instrument :

MSVOA_W

ClientSampleId :

ICVW073018

Tot Ion: 105 Resp: 439719

Ion Ratio Lower Upper

105 100

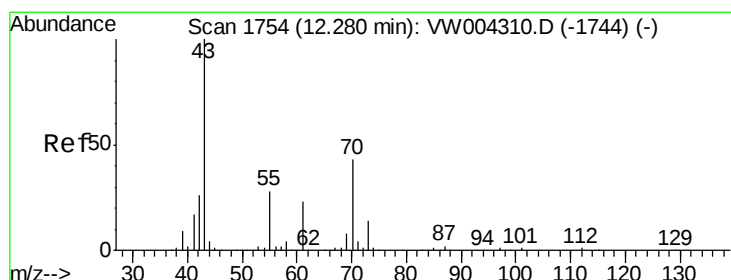
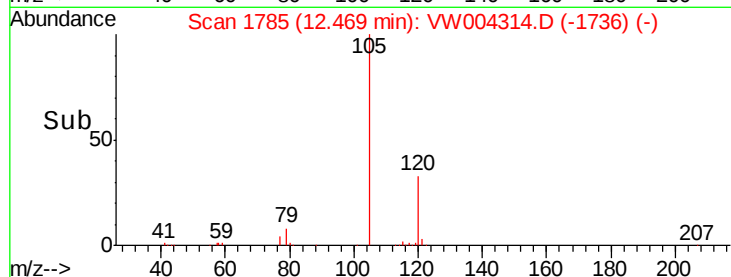
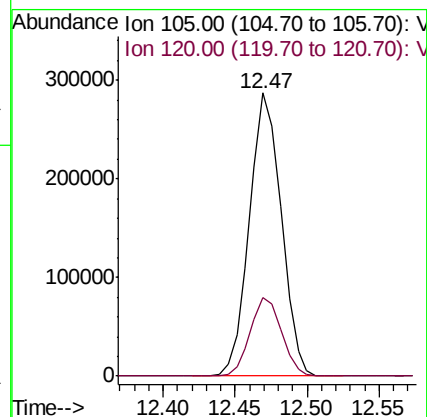
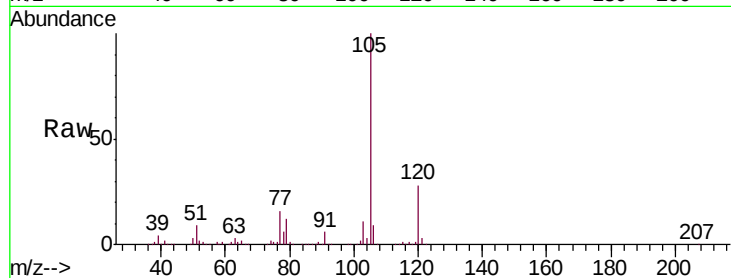
120 27.4 13.2 39.6

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#74

N-ethyl acetate

Concen: 39.42 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW004314.D

Acq: 29 Jul 2018 14:47

Tgt Ion: 43 Resp: 82234

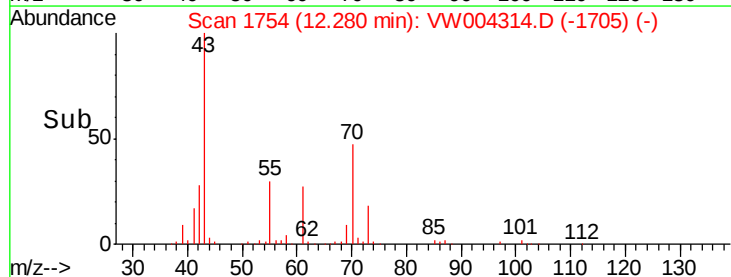
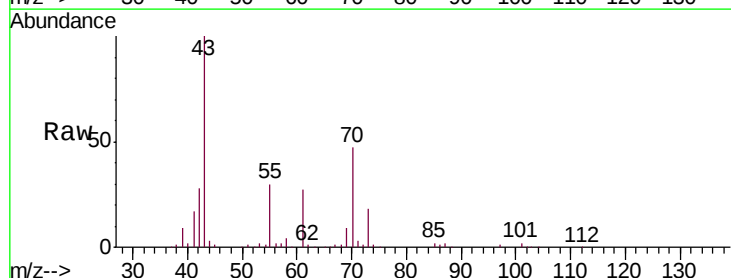
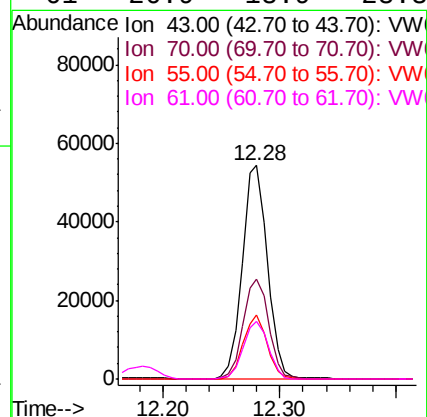
Ion Ratio Lower Upper

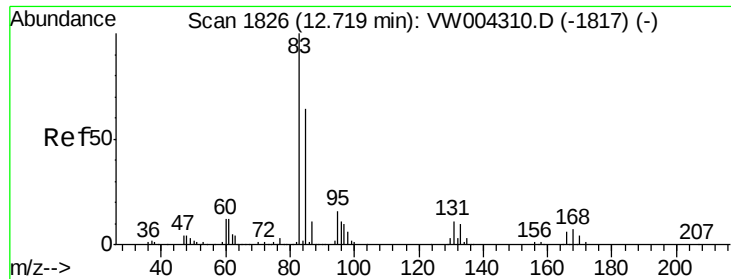
43 100

70 47.5 34.2 51.4

55 28.5 21.8 32.8

61 26.9 18.9 28.3





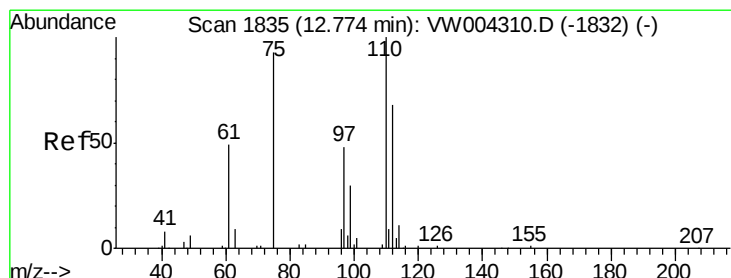
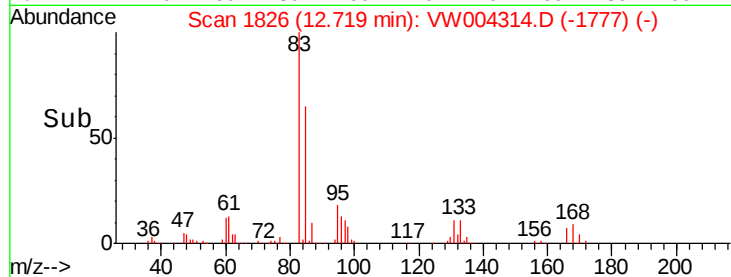
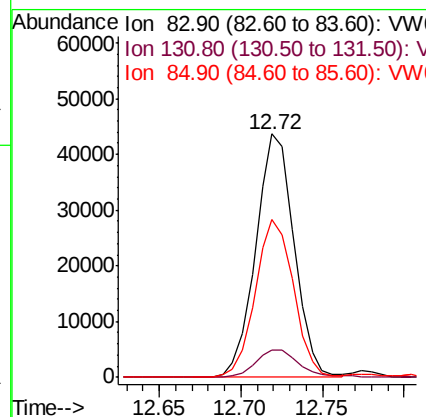
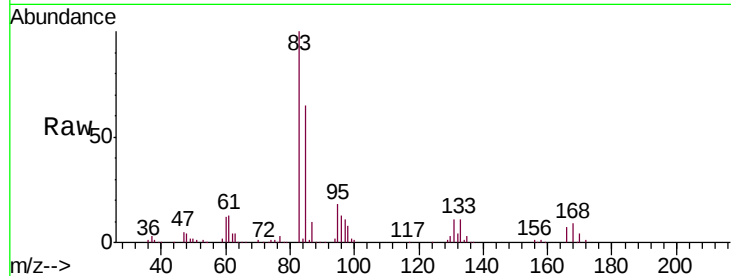
#75
 1,1,2,2-Tetrachloroethane
 Concen: 46.17 ug/l
 RT: 12.72 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VW004314.D
 Acq: 29 Jul 2018 14:47

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW073018

Tot Ion	Ratio	Lower	Upper
83	100		
131	12.8	5.5	16.4
85	64.5	31.9	95.9

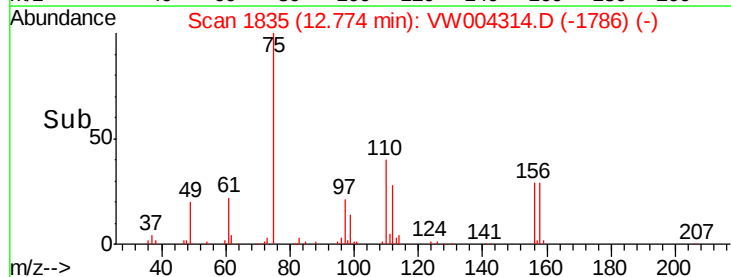
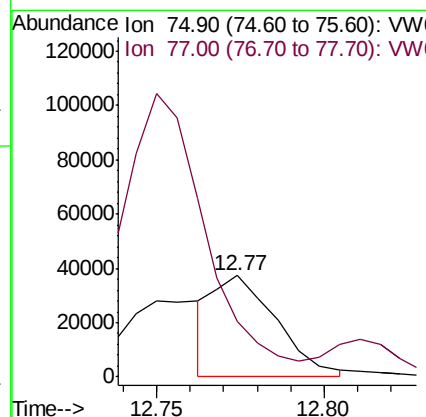
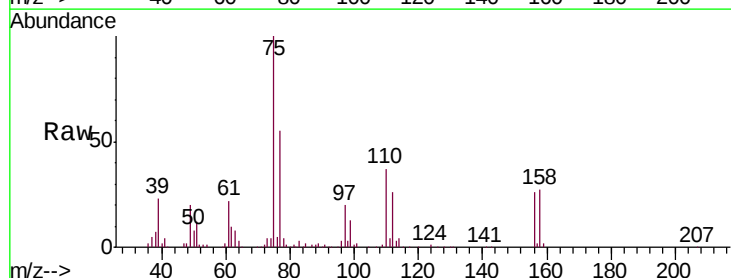
Manual Integrations
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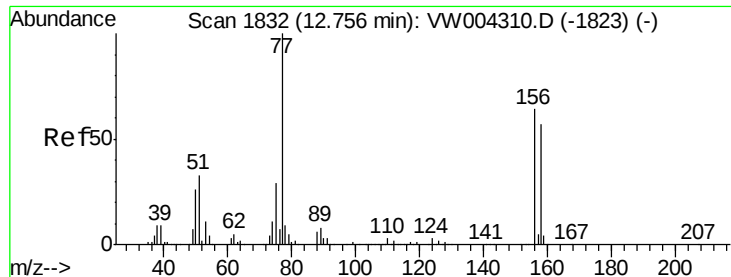
apatel
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#76
 1,2,3-Trichloropropane
 Concen: 42.89 ug/l m
 RT: 12.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VW004314.D
 Acq: 29 Jul 2018 14:47

Tgt Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





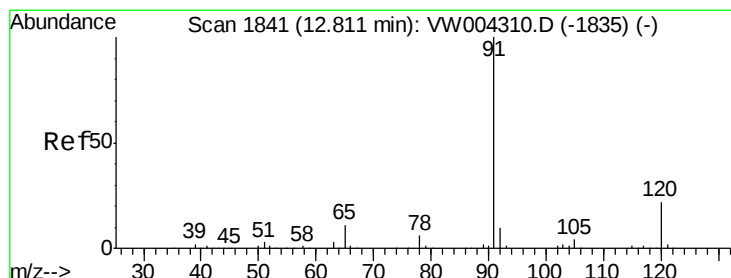
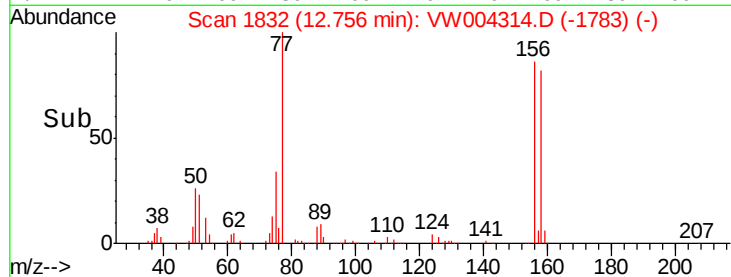
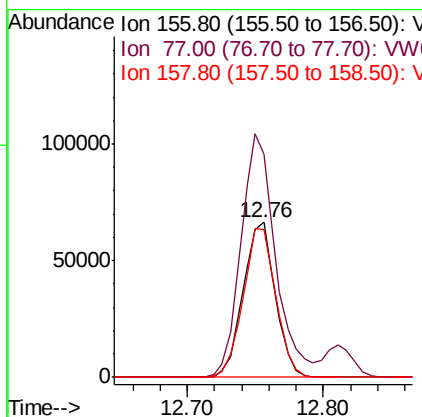
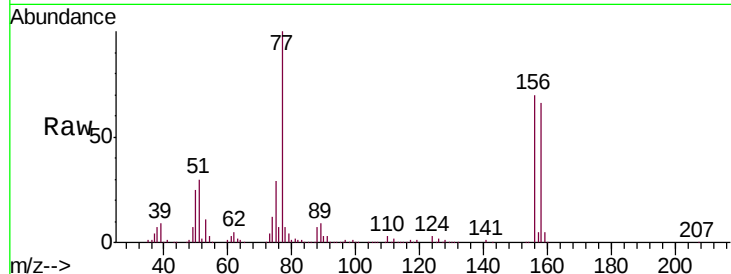
#77
Bromobenzene
Concen: 51.36 ug/l
RT: 12.76 min Scan# 1832
Delta R.T. -0.00 min
Lab File: VW004314.D
Acq: 29 Jul 2018 14:47

Instrument :
MSVOA_W
ClientSampleId :
ICVW073018

Tot Ion	Ratio	Lower	Upper
156	100		
77	169.2	92.9	278.7
158	98.0	47.6	142.8

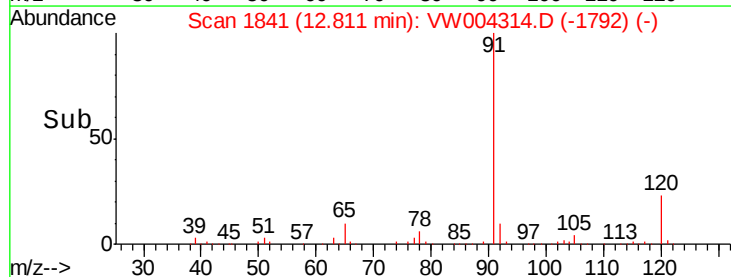
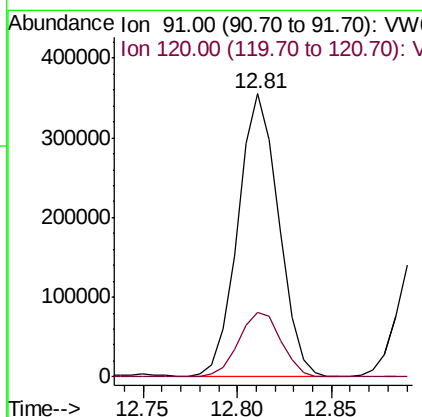
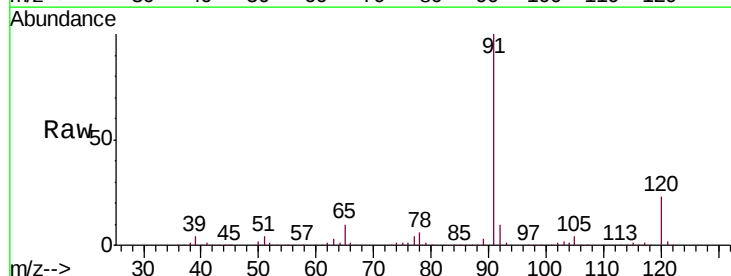
Manual Integrations
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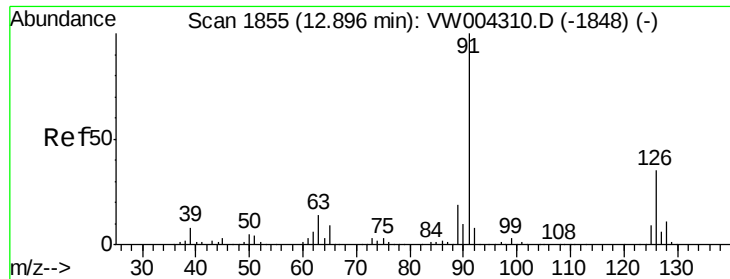
apatel
7/30/2018 10:32:48 AM



#78
n-propylbenzene
Concen: 49.65 ug/l
RT: 12.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VW004314.D
Acq: 29 Jul 2018 14:47

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.7	11.3	33.8





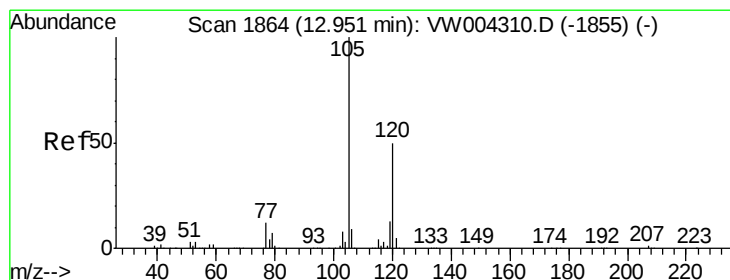
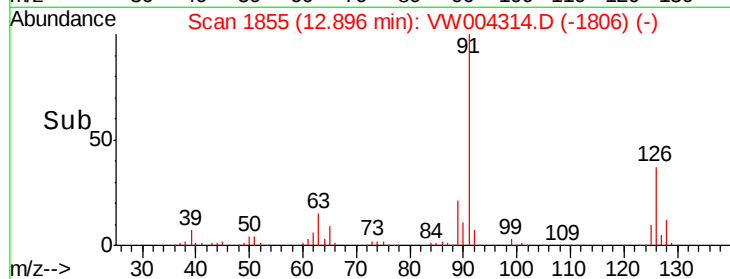
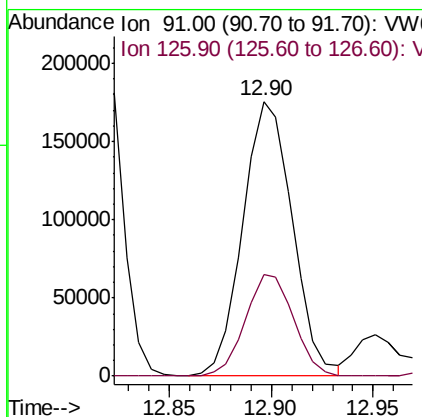
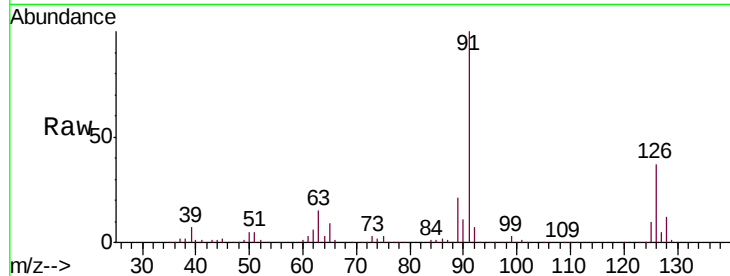
#79
 2-Chlorotoluene
 Concen: 48.31 ug/l
 RT: 12.90 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW004314.D
 Acq: 29 Jul 2018 14:47

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW073018

Tot Ion: 91 Resp: 296672
 Ion Ratio Lower Upper
 91 100
 126 36.1 17.1 51.2

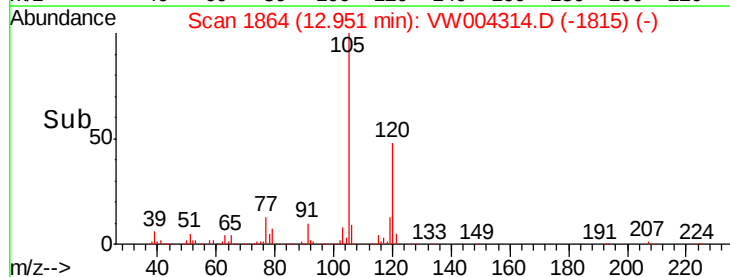
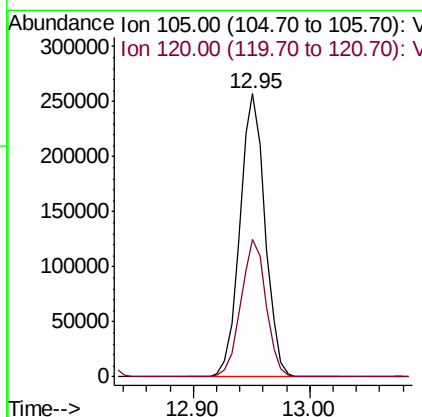
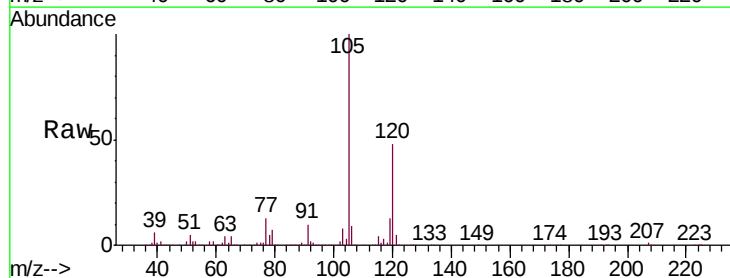
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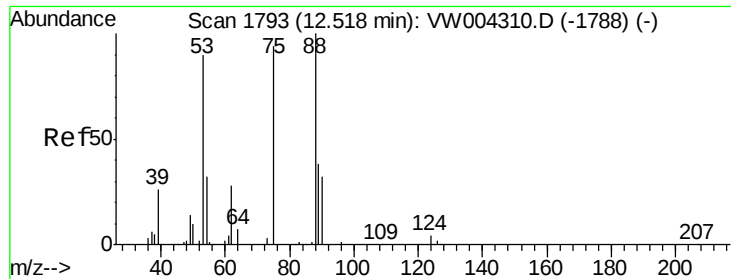
apatel
 7/30/2018 10:32:48 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 50.92 ug/l
 RT: 12.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VW004314.D
 Acq: 29 Jul 2018 14:47

Tgt Ion:105 Resp: 386667
 Ion Ratio Lower Upper
 105 100
 120 48.6 25.1 75.2





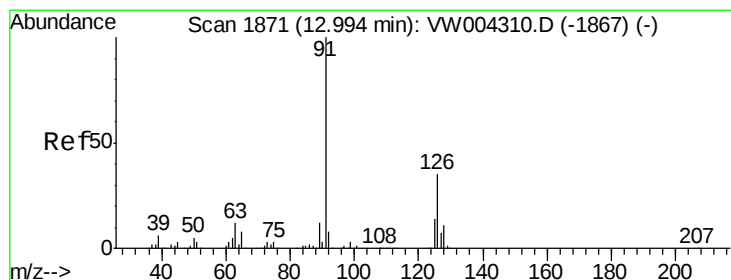
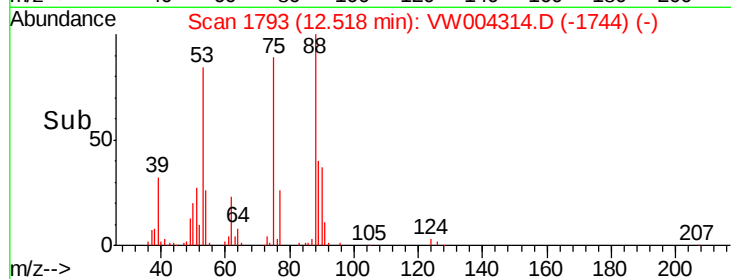
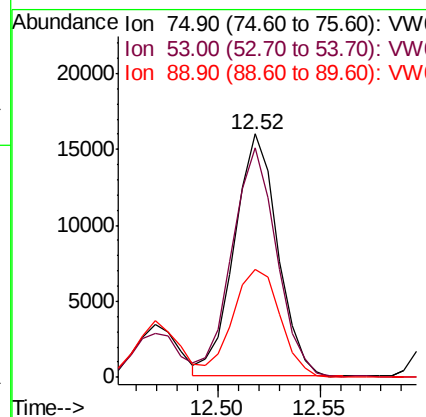
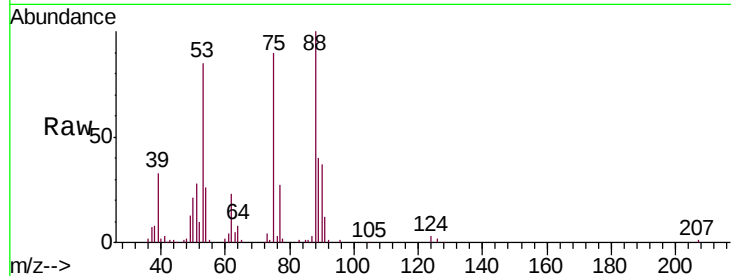
#81
trans-1,4-Dichloro-2-butene
Concen: 47.11 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VW004314.D
Acq: 29 Jul 2018 14:47

Instrument :
MSVOA_W
ClientSampleId :
ICVW073018

Tot Ion	Ratio	Lower	Upper
75	100		
53	98.3	77.6	116.4
89	48.6	36.0	54.0

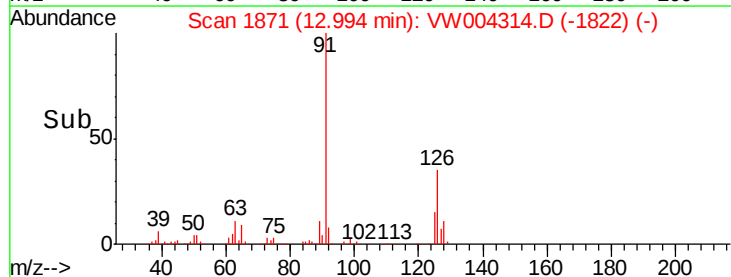
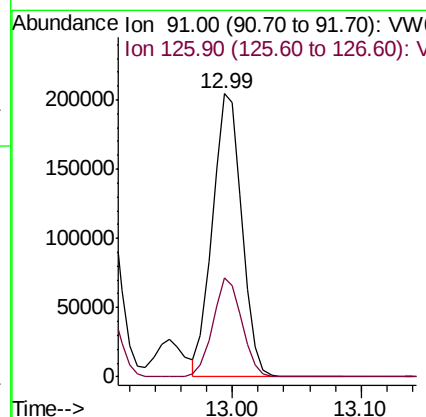
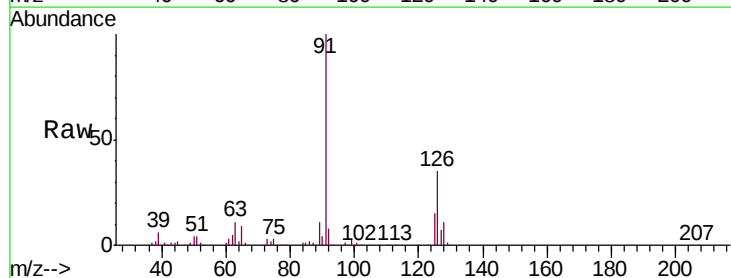
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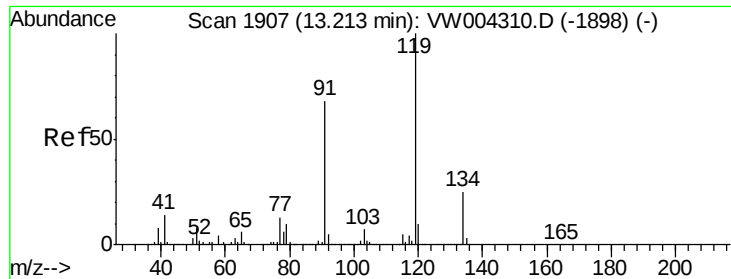
apatel
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#82
4-Chlorotoluene
Concen: 50.11 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. -0.00 min
Lab File: VW004314.D
Acq: 29 Jul 2018 14:47

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.4	17.4	52.3





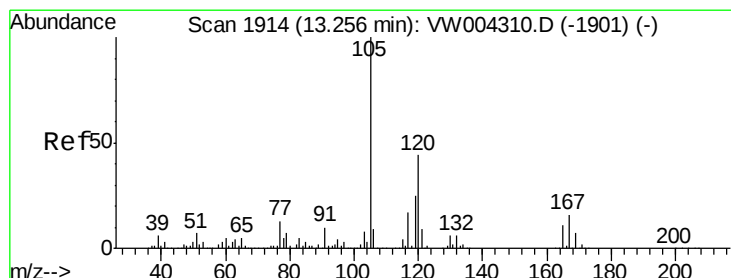
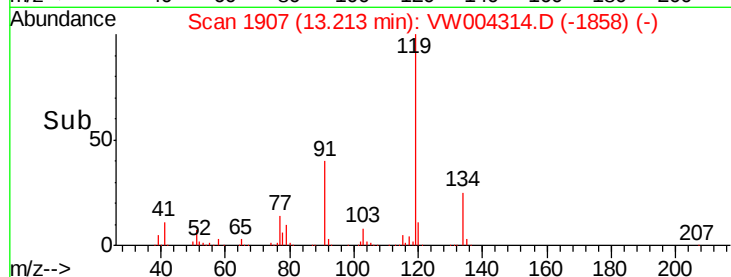
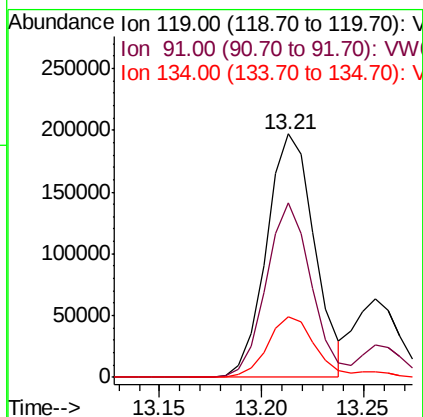
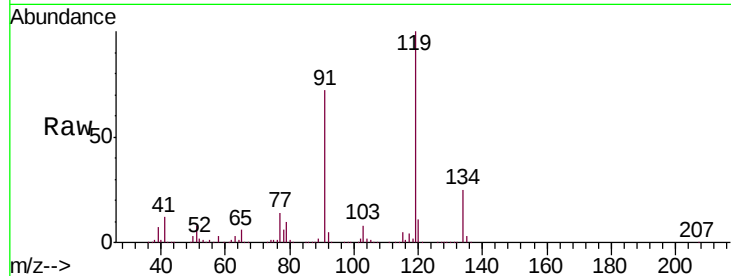
#83
tert-Butylbenzene
Concen: 51.07 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. -0.00 min
Lab File: VW004314.D
Acq: 29 Jul 2018 14:47

Instrument :
MSVOA_W
ClientSampleId :
ICVW073018

Tot Ion	Ratio	Lower	Upper
119	100		
91	68.0	32.8	98.3
134	26.2	12.2	36.6

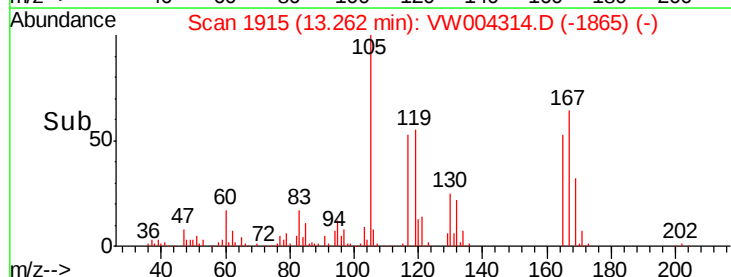
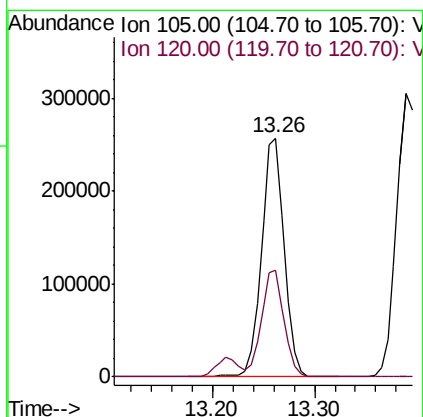
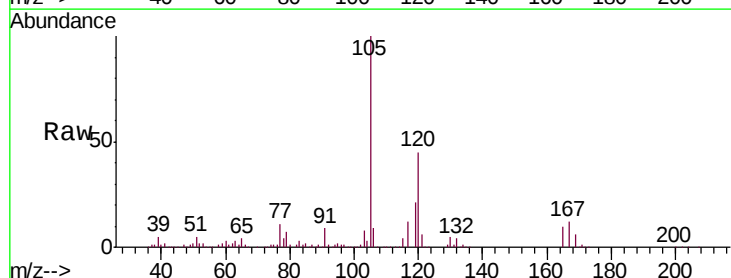
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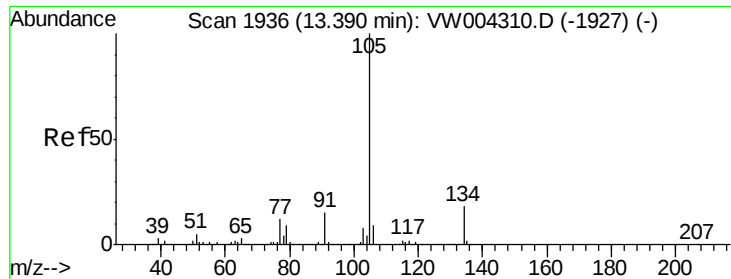
apatel
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#84
1,2,4-Trimethylbenzene
Concen: 51.40 ug/l
RT: 13.26 min Scan# 1915
Delta R.T. 0.01 min
Lab File: VW004314.D
Acq: 29 Jul 2018 14:47

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.4	22.7	68.0





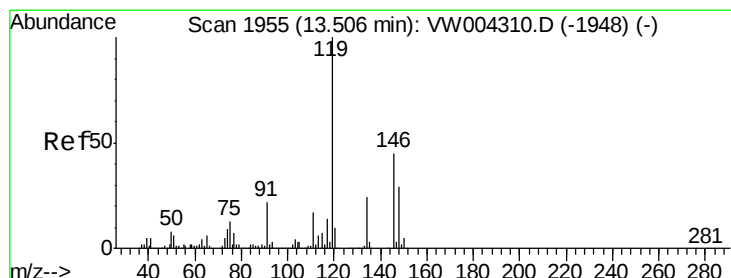
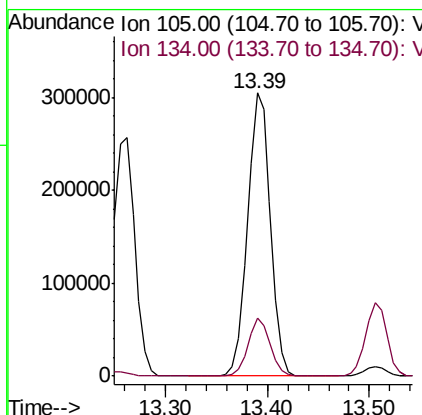
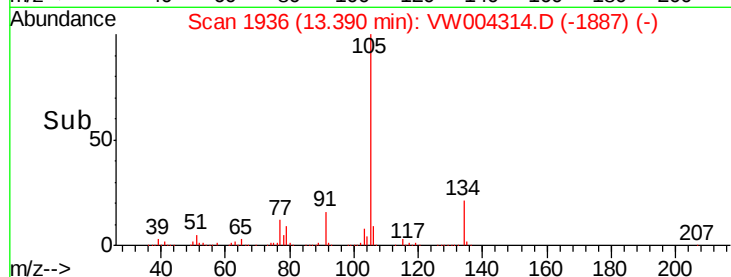
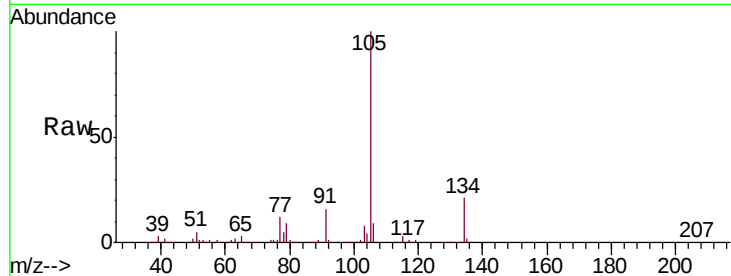
#85
 sec-Butylbenzene
 Concen: 51.34 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VW004314.D
 Acq: 29 Jul 2018 14:47

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW073018

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.8	9.6	28.8

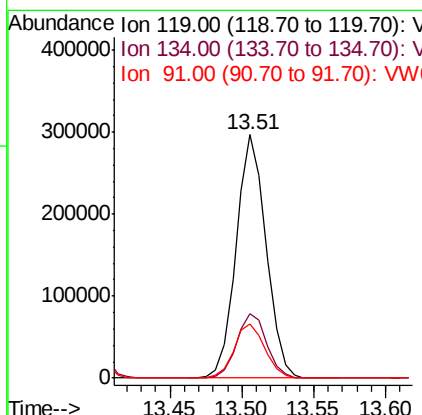
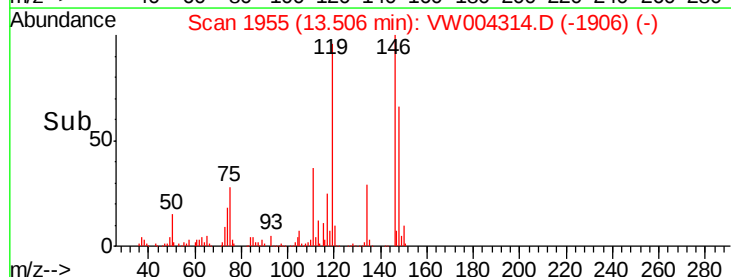
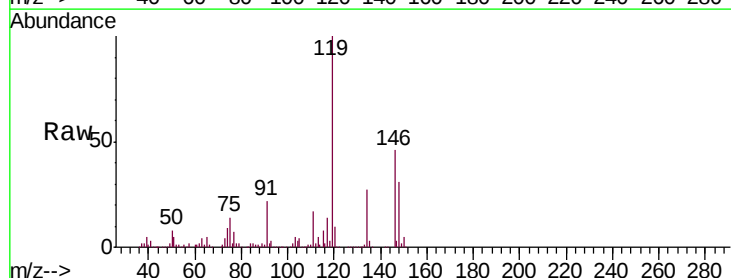
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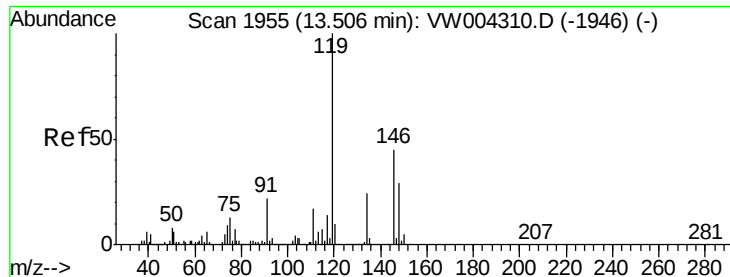
apatel
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#86
 p-Isopropyltoluene
 Concen: 51.53 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW004314.D
 Acq: 29 Jul 2018 14:47

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.7	12.6	37.8
91	22.6	11.3	33.9





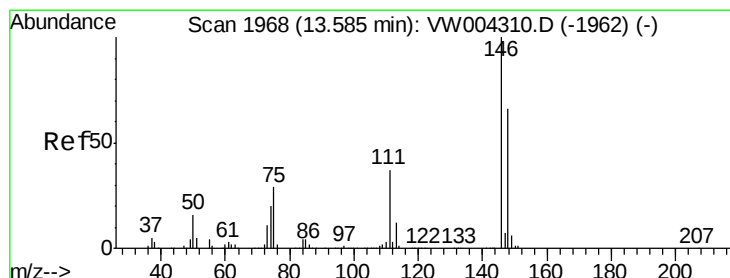
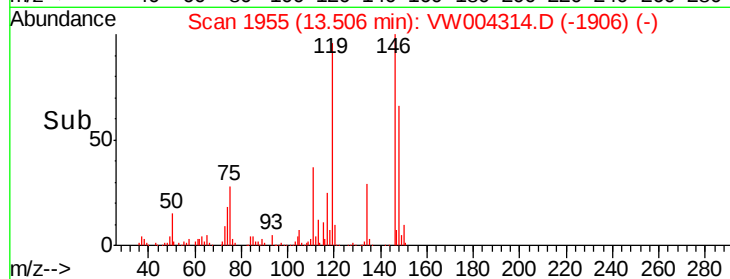
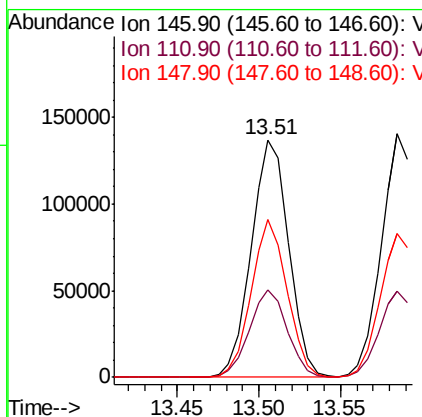
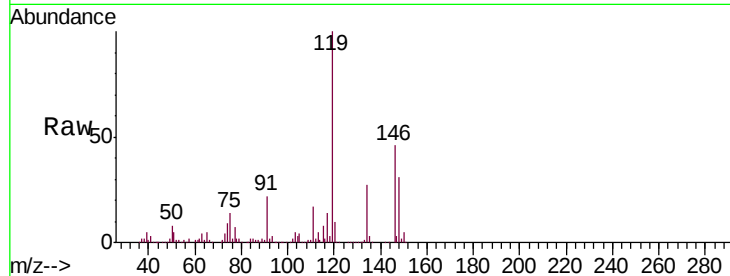
#87
 1,3-Dichlorobenzene
 Concen: 51.25 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW004314.D
 Acq: 29 Jul 2018 14:47

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW073018

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.2	19.9	59.6
148	63.8	31.9	95.5

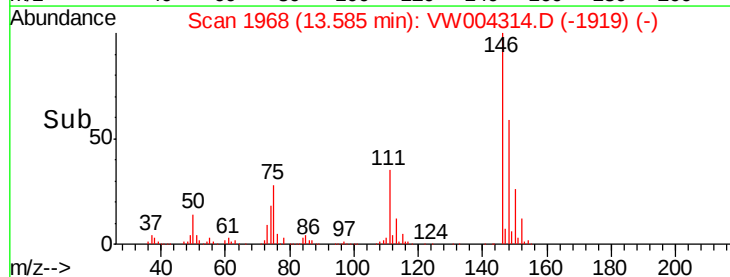
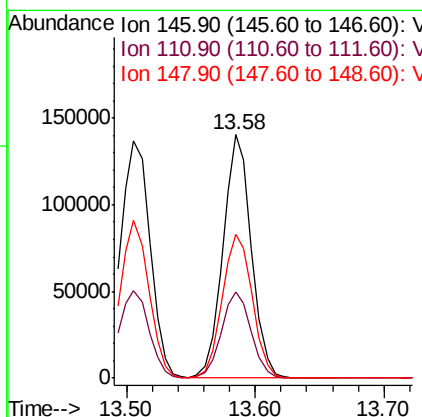
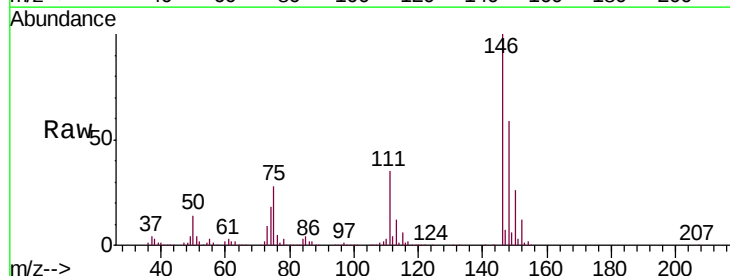
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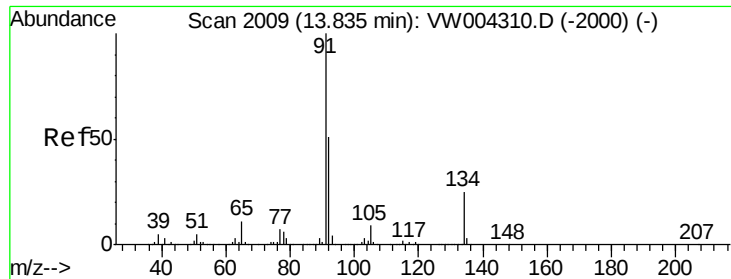
apatel
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#88
 1,4-Dichlorobenzene
 Concen: 50.83 ug/l
 RT: 13.58 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VW004314.D
 Acq: 29 Jul 2018 14:47

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.1	19.4	58.1
148	62.4	32.8	98.3





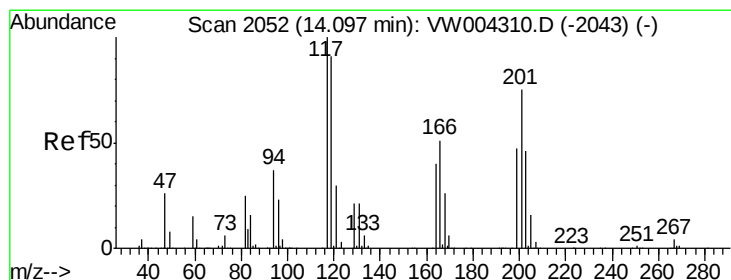
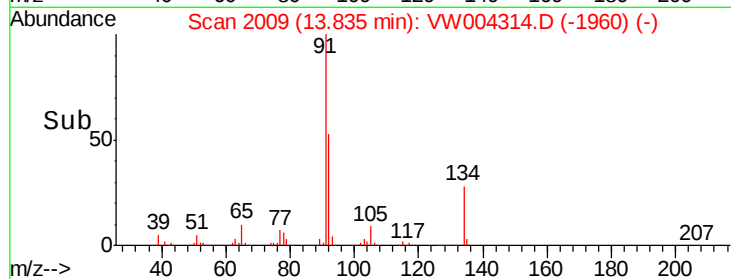
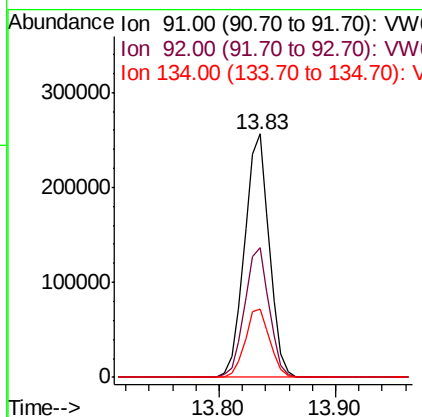
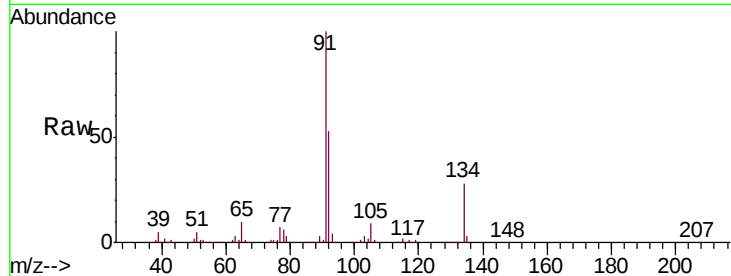
#89
n-Butylbenzene
Concen: 48.82 ug/l
RT: 13.83 min Scan# 2009
Delta R.T. -0.00 min
Lab File: VW004314.D
Acq: 29 Jul 2018 14:47

Instrument :
MSVOA_W
ClientSampleId :
ICVW073018

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.0	26.4	79.2
134	28.1	12.9	38.6

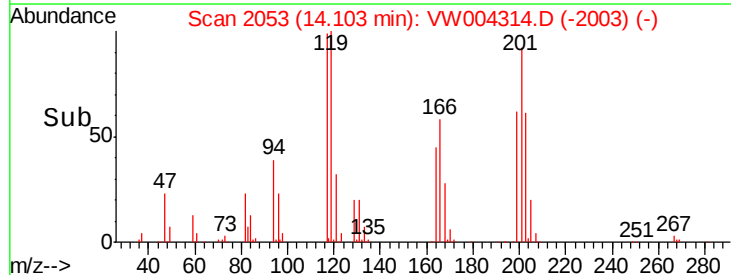
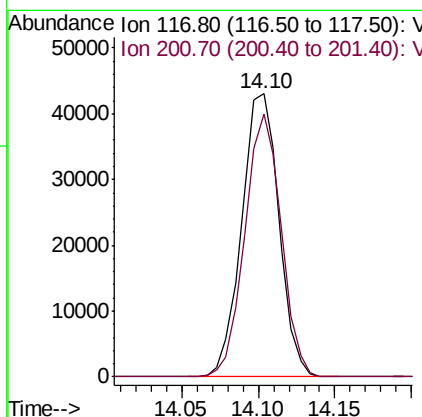
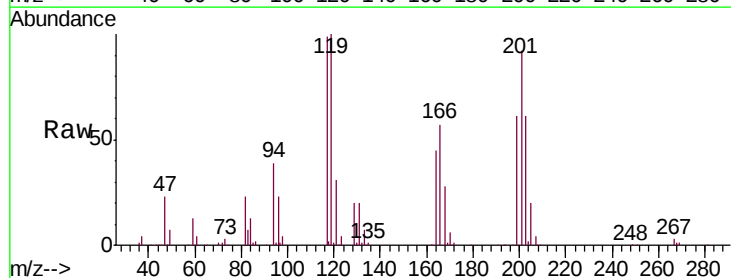
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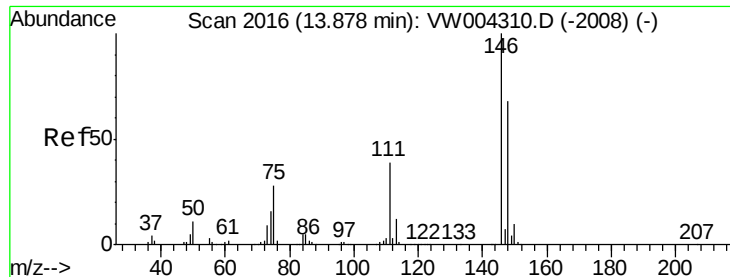
apatel
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#90
Hexachloroethane
Concen: 49.29 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. 0.01 min
Lab File: VW004314.D
Acq: 29 Jul 2018 14:47

Tgt Ion	Ratio	Lower	Upper
117	100		
201	90.4	41.5	124.5





#91

1,2-Dichlorobenzene

Concen: 50.53 ug/l

RT: 13.88 min Scan# 2016

Delta R.T. -0.00 min

Lab File: VW004314.D

Acq: 29 Jul 2018 14:47

Instrument :

MSVOA_W

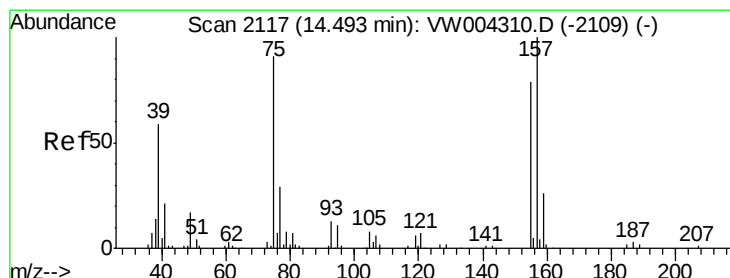
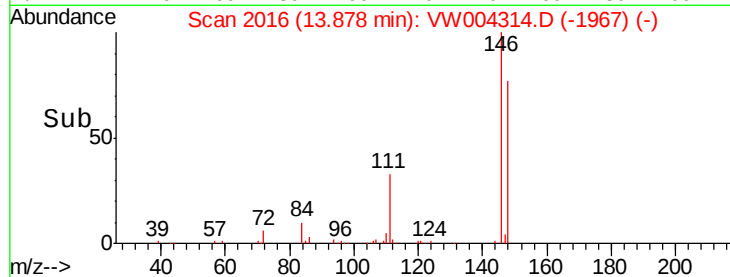
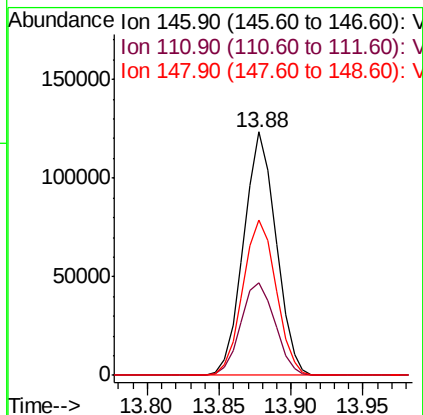
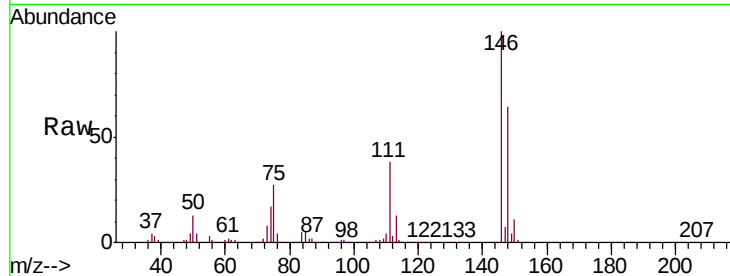
ClientSampleId :

ICVW073018

Tot Ion:	146	Resp:	192818
Ion Ratio	Lower	Upper	
146	100		
111	39.9	19.7	59.1
148	65.3	32.0	96.0

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#92

1,2-Dibromo-3-Chloropropane

Concen: 51.18 ug/l

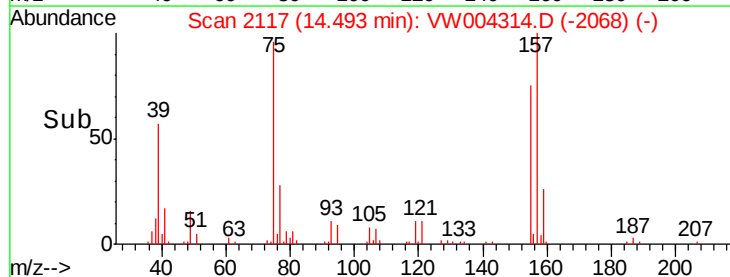
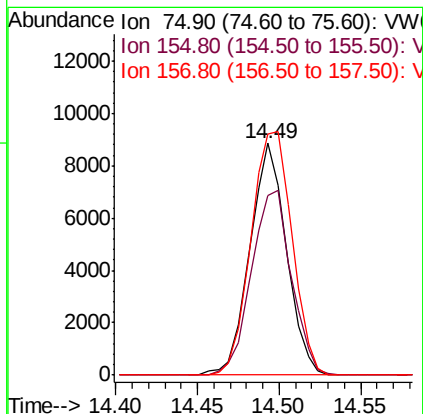
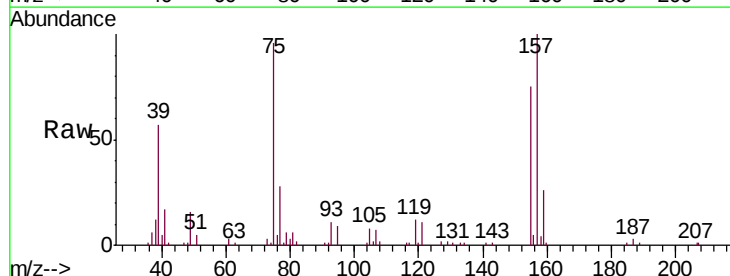
RT: 14.49 min Scan# 2117

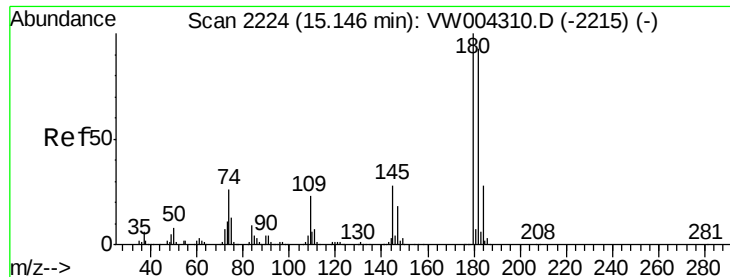
Delta R.T. -0.00 min

Lab File: VW004314.D

Acq: 29 Jul 2018 14:47

Tgt Ion:	75	Resp:	13795
Ion Ratio	Lower	Upper	
75	100		
155	87.0	41.4	124.4
157	117.4	55.2	165.6





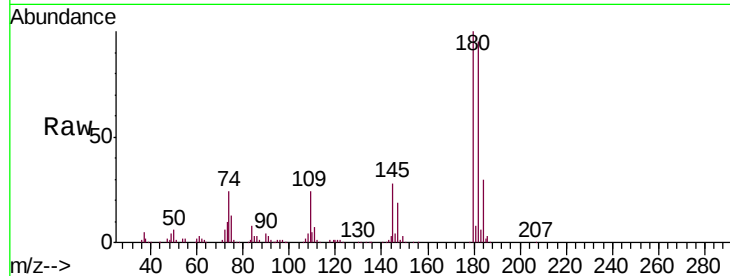
#93
 1,2,4-Trichlorobenzene
 Concen: 54.05 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. -0.00 min
 Lab File: VW004314.D
 Acq: 29 Jul 2018 14:47

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW073018

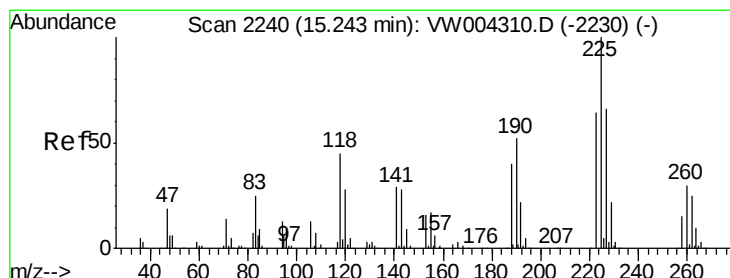
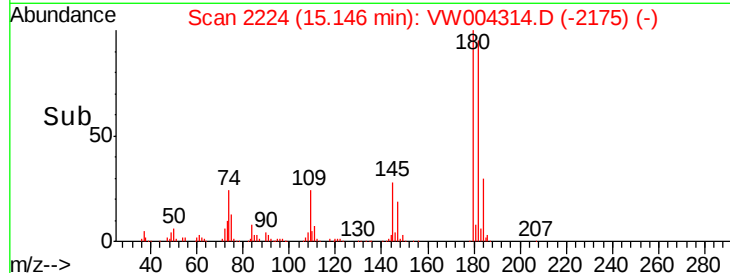
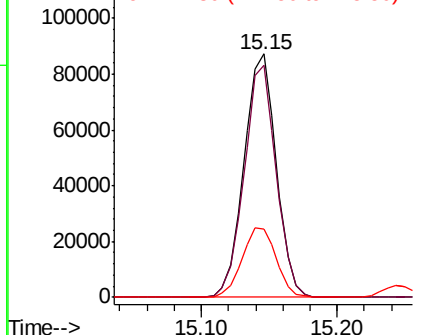
Tot Ion:	180	Resp:	144821
Ion Ratio	Lower	Upper	
180	100		
182	94.4	47.3	141.8
145	30.1	14.8	44.4

Manual Integrations
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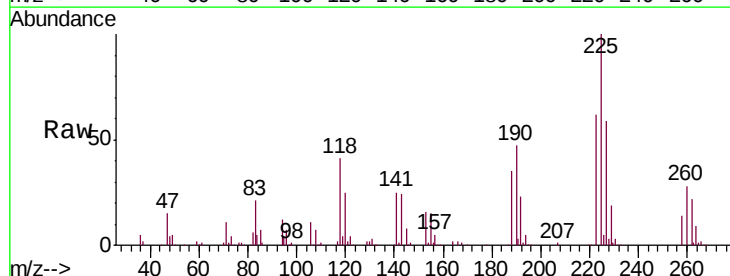


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

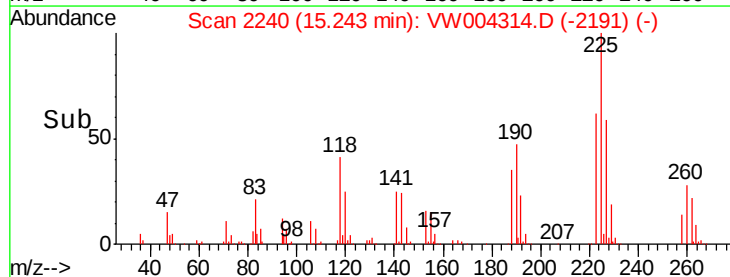
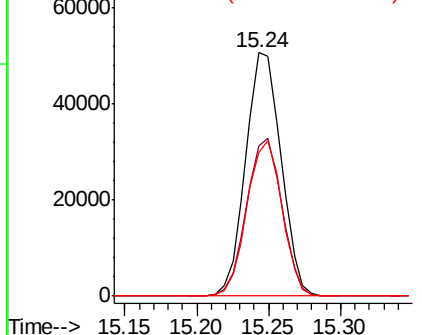


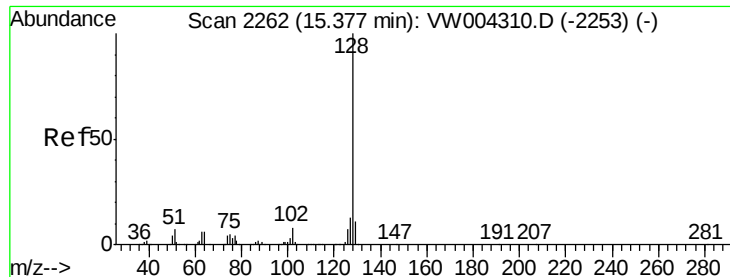
#94
 Hexachlorobutadiene
 Concen: 52.68 ug/l
 RT: 15.24 min Scan# 2240
 Delta R.T. -0.00 min
 Lab File: VW004314.D
 Acq: 29 Jul 2018 14:47

Tgt Ion:	225	Resp:	86236
Ion Ratio	Lower	Upper	
225	100		
223	64.8	31.0	93.0
227	63.3	32.6	97.7



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





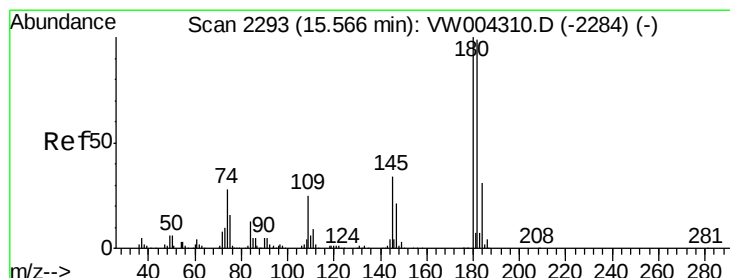
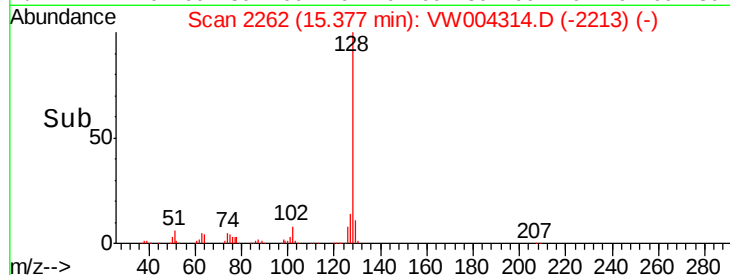
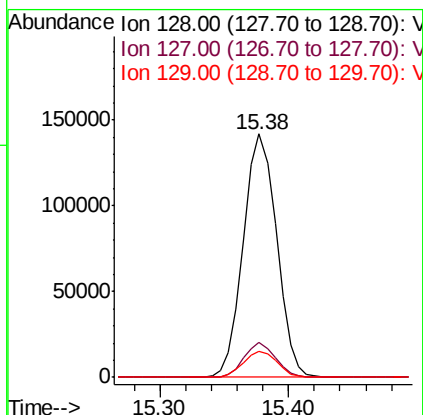
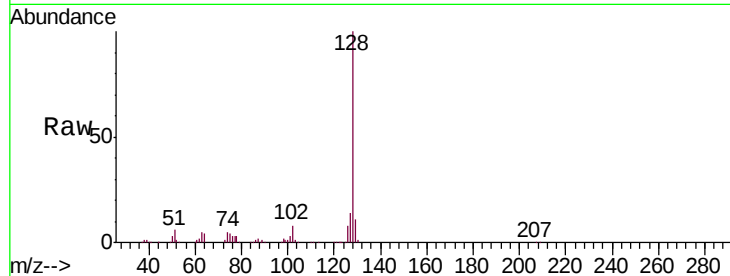
#95
Naphthalene
Concen: 55.25 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VW004314.D
Acq: 29 Jul 2018 14:47

Instrument :
MSVOA_W
ClientSampleId :
ICVW073018

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.4	15.6
129	10.8	8.6	13.0

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 53.58 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VW004314.D
Acq: 29 Jul 2018 14:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	48.0	144.0
145	32.2	16.2	48.5

