

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW073018\
 Data File : VW004332.D
 Acq On : 30 Jul 2018 00:42
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 7/30/2018 10:33:50 AM

Quant Time: Jul 30 06:46:27 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	265091	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	416371	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	378545	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	198292	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	146229	54.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.36%	
35) Dibromofluoromethane	7.88	113	135198	51.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.76%	
50) Toluene-d8	10.33	98	535907	51.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.06%	
62) 4-Bromofluorobenzene	12.62	95	189333	51.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	44218	45.85	ug/l	95
3) Chloromethane	2.21	50	52511	40.16	ug/l	97
4) Vinyl Chloride	2.36	62	93747	42.36	ug/l	99
5) Bromomethane	2.77	94	78744	53.32	ug/l	93
6) Chloroethane	2.92	64	73691	50.45	ug/l	96
7) Trichlorofluoromethane	3.25	101	61002	41.39	ug/l	96
8) Diethyl Ether	3.67	74	80048	76.03	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.06	101	129142	52.13	ug/l	99
10) Methyl Iodide	4.26	142	209214	54.30	ug/l	100
11) Tert butyl alcohol	5.18	59	55448	315.97	ug/l	100
12) 1,1-Dichloroethene	4.03	96	134685	53.28	ug/l	97
13) Acrolein	3.88	56	58099	354.30	ug/l	98
14) Allyl chloride	4.65	41	228332	53.20	ug/l	99
15) Acrylonitrile	5.37	53	174025	292.98	ug/l	100
16) Acetone	4.12	43	149884	234.55	ug/l	98
17) Carbon Disulfide	4.37	76	433970	54.00	ug/l	99
18) Methyl Acetate	4.67	43	92015	61.65	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	270602	57.48	ug/l	100
20) Methylene Chloride	4.90	84	145641	57.09	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	147815	54.65	ug/l	96
22) Diisopropyl ether	6.31	45	468765	58.40	ug/l	99
23) Vinyl Acetate	6.25	43	1342030	288.18	ug/l	100
24) 1,1-Dichloroethane	6.21	63	271657	55.50	ug/l	100
25) 2-Butanone	7.17	43	229594	309.15	ug/l	100
26) 2,2-Dichloropropane	7.17	77	133959	44.67	ug/l	96
27) cis-1,2-Dichloroethene	7.17	96	161808	56.20	ug/l	96
28) Bromochloromethane	7.51	49	95318	52.61	ug/l	100
29) Tetrahydrofuran	7.53	42	155375	302.58	ug/l	99
30) Chloroform	7.68	83	269188	54.52	ug/l	97
31) Cyclohexane	7.96	56	238510	52.25	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	212065	52.29	ug/l	99
36) 1,1-Dichloropropene	8.09	75	215869	51.83	ug/l	99
37) Ethyl Acetate	7.26	43	101714	59.59	ug/l	99
38) Carbon Tetrachloride	8.07	117	205014	49.85	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	256512	51.11	ug/l	99
40) Benzene	8.32	78	625368	53.37	ug/l	100
41) Methacrylonitrile	7.49	41	56160	50.17	ug/l	89
42) 1,2-Dichloroethane	8.40	62	181358	54.14	ug/l	100
43) Isopropyl Acetate	8.43	43	192005	62.41	ug/l	99
44) Trichloroethene	9.09	130	159351	50.37	ug/l	94
45) 1,2-Dichloropropane	9.37	63	159194	54.75	ug/l	98
46) Dibromomethane	9.46	93	81341	54.78	ug/l	99
47) Bromodichloromethane	9.65	83	201000	53.37	ug/l	98
48) Methyl methacrylate	9.44	41	94001	60.00	ug/l	98
49) 1,4-Dioxane	9.45	88	29095	1292.63	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	516752	306.07	ug/l	99
52) Toluene	10.39	92	391425	53.20	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	203585	53.97	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	232148	52.79	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	115914	54.79	ug/l	95
56) Ethyl methacrylate	10.65	69	155438	60.72	ug/l	99
57) 1,3-Dichloropropane	10.93	76	199672	55.40	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	339982	298.96	ug/l	100
59) 2-Hexanone	10.98	43	357612	308.48	ug/l	100
60) Dibromochloromethane	11.13	129	137148	54.18	ug/l	98
61) 1,2-Dibromoethane	11.24	107	109132	54.10	ug/l	99
64) Tetrachloroethene	10.87	164	161258	58.15	ug/l	97
65) Chlorobenzene	11.66	112	410063	51.58	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.73	131	147211	52.50	ug/l	98
67) Ethyl Benzene	11.74	91	728637	52.58	ug/l	99
68) m/p-Xylenes	11.85	106	554629	104.00	ug/l	98
69) o-Xylene	12.17	106	265369	53.86	ug/l	95
70) Styrene	12.19	104	447524	53.76	ug/l	98
71) Bromoform	12.35	173	84809	53.97	ug/l #	99
73) Isopropylbenzene	12.47	105	731964	53.24	ug/l	100
74) N-amyl acetate	12.28	43	181609	55.03	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	137186	56.96	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	110513m	61.07	ug/l	
77) Bromobenzene	12.75	156	174854	52.63	ug/l	99
78) n-propylbenzene	12.81	91	901195	53.80	ug/l	100
79) 2-Chlorotoluene	12.90	91	514206	53.67	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	611188	51.60	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	39123	50.30	ug/l	97
82) 4-Chlorotoluene	12.99	91	551999	54.45	ug/l	96
83) tert-Butylbenzene	13.21	119	531711	53.88	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	631973	52.31	ug/l	99
85) sec-Butylbenzene	13.39	105	756347	52.47	ug/l	98
86) p-Isopropyltoluene	13.51	119	687782	53.13	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	346782	52.15	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	338950	51.09	ug/l	99
89) n-Butylbenzene	13.83	91	613368	50.74	ug/l	99
90) Hexachloroethane	14.10	117	122233	52.94	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	303593	51.01	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.49	75	23243	55.28	ug/l	98

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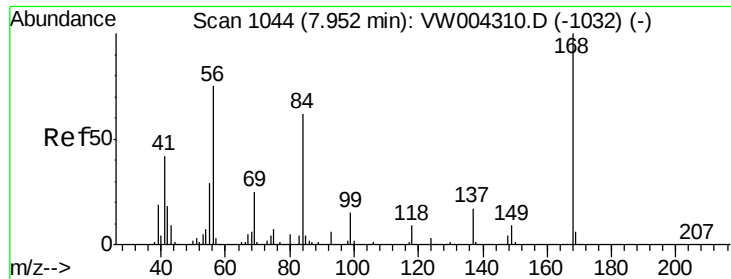
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	214291	51.27	ug/l	98
94) Hexachlorobutadiene	15.24	225	118834	46.54	ug/l	97
95) Naphthalene	15.38	128	425713	59.21	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	195289	53.40	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW004332.D

Acq: 30 Jul 2018 00:42

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 265091

Ion Ratio Lower Upper

168 100

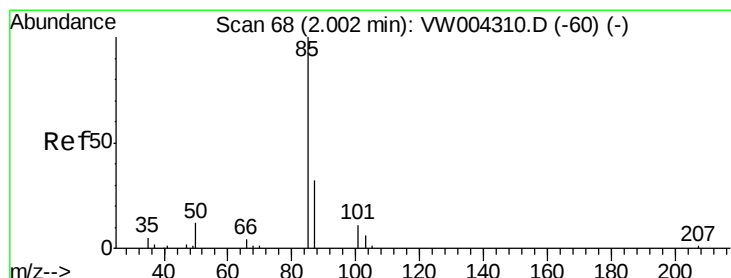
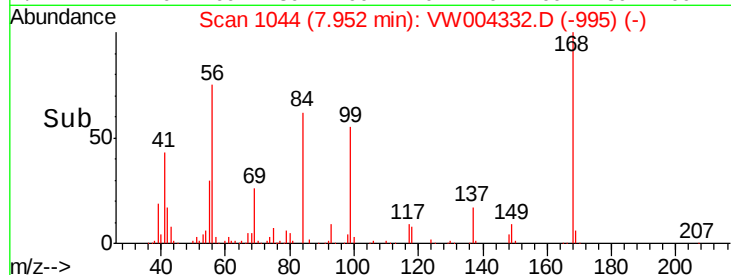
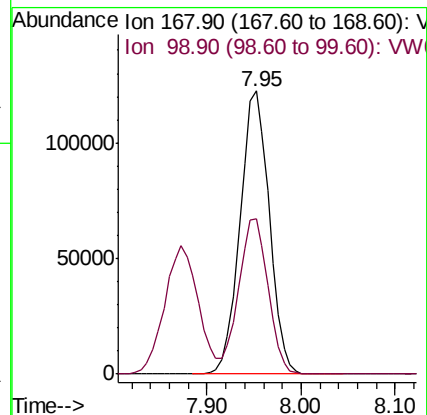
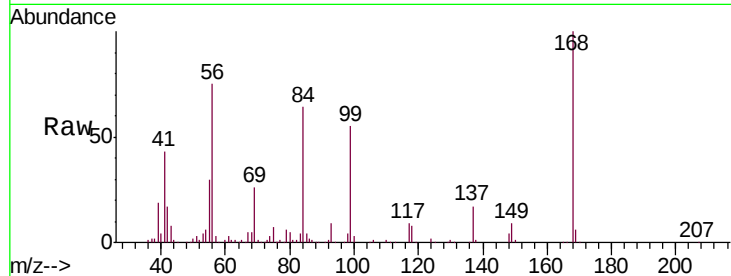
99 54.9 45.0 67.4

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 45.85 ug/l

RT: 2.00 min Scan# 68

Delta R.T. 0.00 min

Lab File: VW004332.D

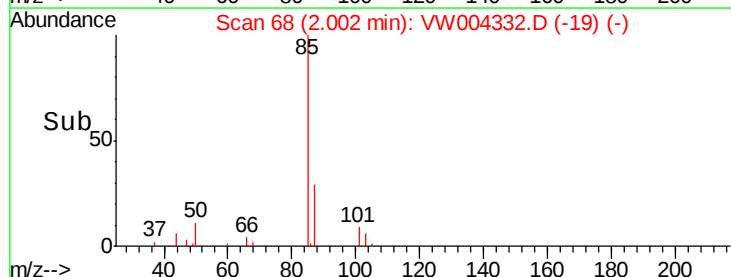
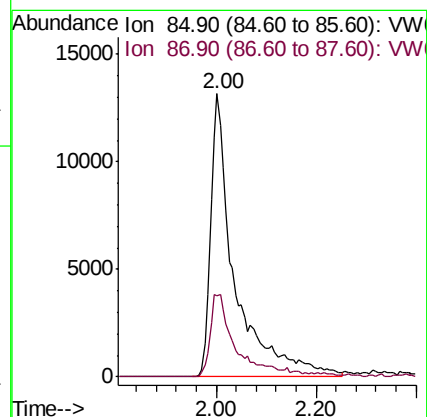
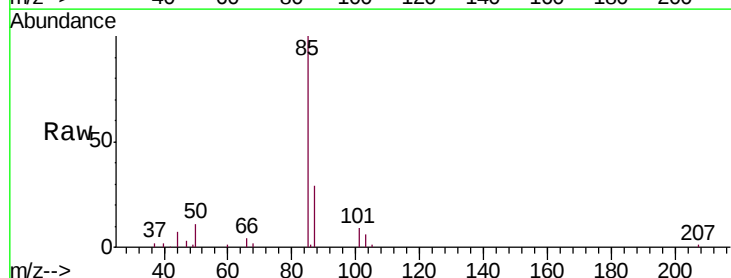
Acq: 30 Jul 2018 00:42

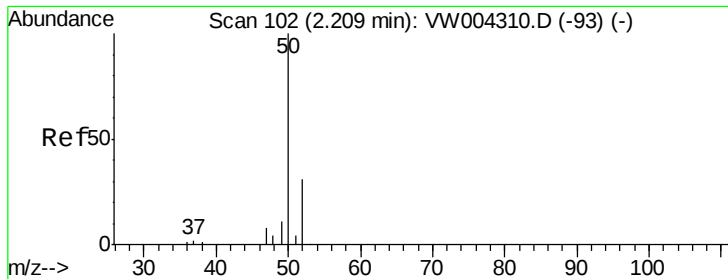
Tgt Ion: 85 Resp: 44218

Ion Ratio Lower Upper

85 100

87 28.8 15.9 47.7





#3

Chloromethane

Concen: 40.16 ug/l

RT: 2.21 min Scan# 102

Delta R.T. -0.00 min

Lab File: VW004332.D

Acq: 30 Jul 2018 00:42

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 52511

Ion Ratio Lower Upper

50 100

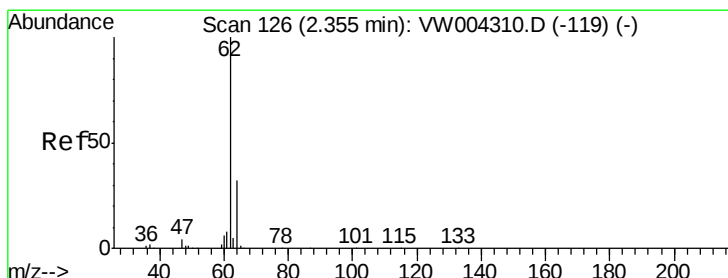
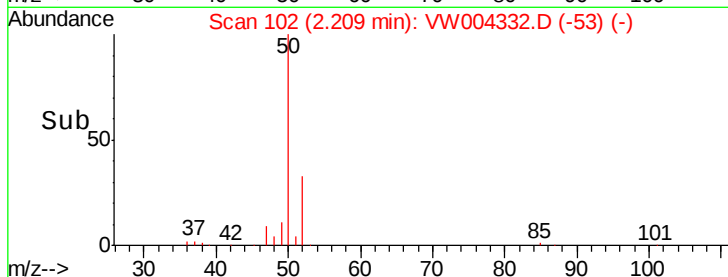
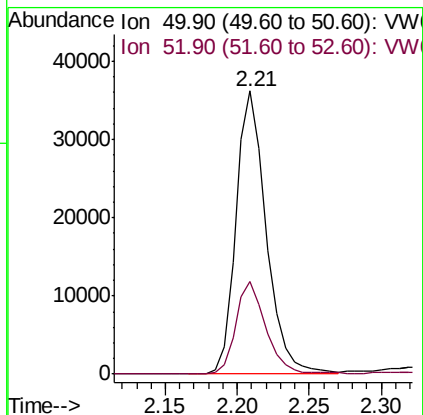
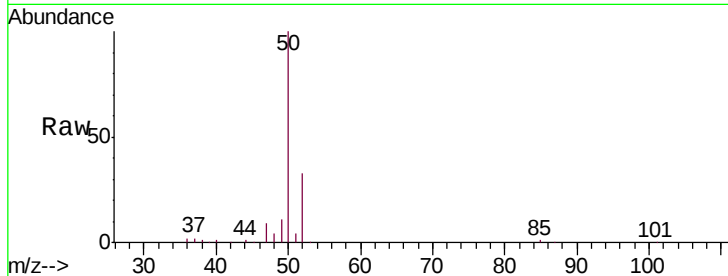
52 32.7 24.8 37.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 42.36 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW004332.D

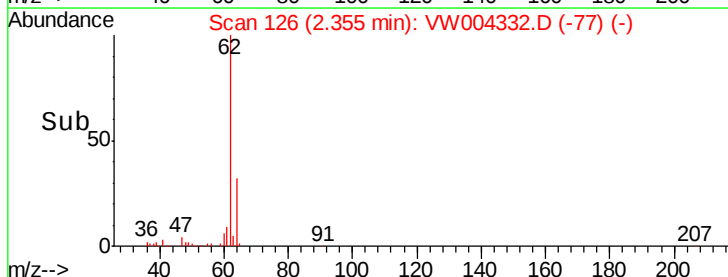
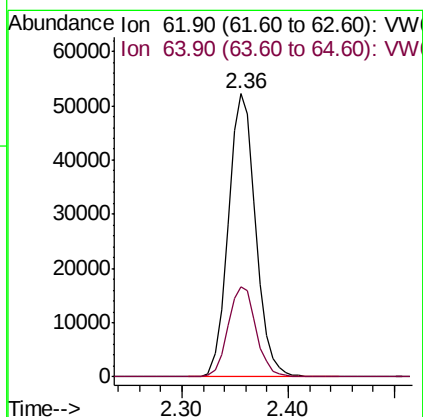
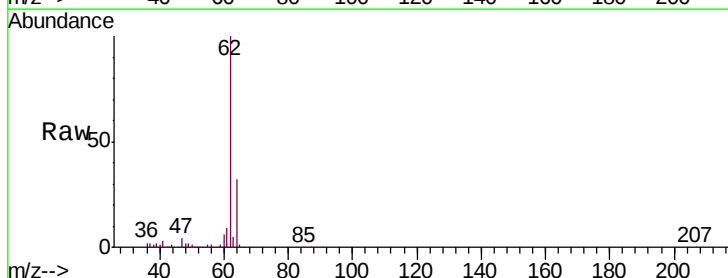
Acq: 30 Jul 2018 00:42

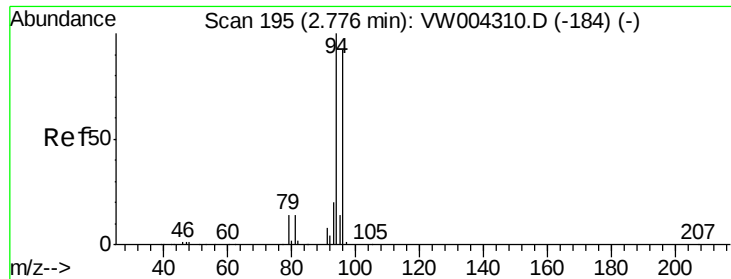
Tgt Ion: 62 Resp: 93747

Ion Ratio Lower Upper

62 100

64 31.8 25.9 38.9





#5

Bromomethane

Concen: 53.32 ug/l

RT: 2.77 min Scan# 194

Delta R.T. -0.01 min

Lab File: VW004332.D

Acq: 30 Jul 2018 00:42

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 78744

Ion Ratio Lower Upper

94 100

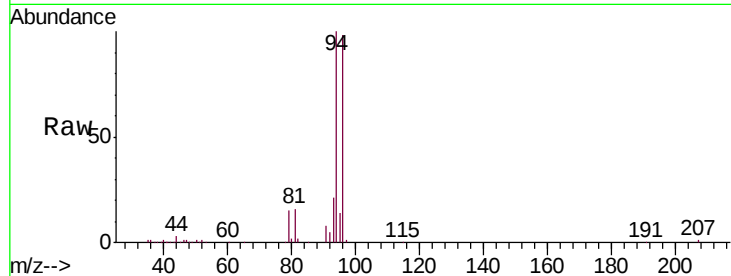
96 97.9 73.3 109.9

Manual Integrations

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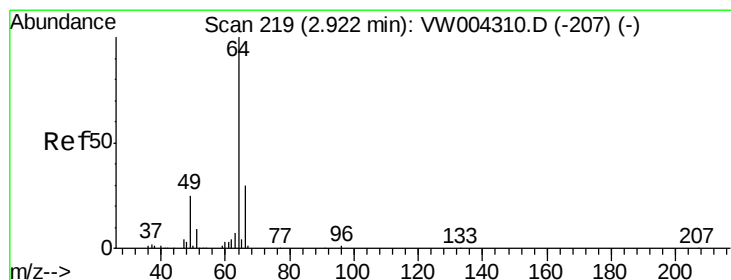
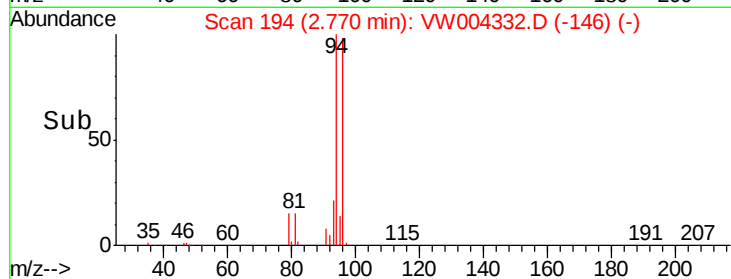
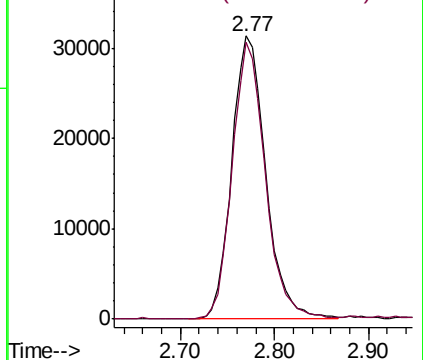
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Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 50.45 ug/l

RT: 2.92 min Scan# 218

Delta R.T. -0.01 min

Lab File: VW004332.D

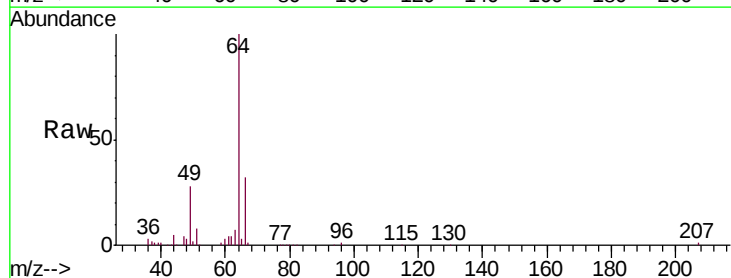
Acq: 30 Jul 2018 00:42

Tgt Ion: 64 Resp: 73691

Ion Ratio Lower Upper

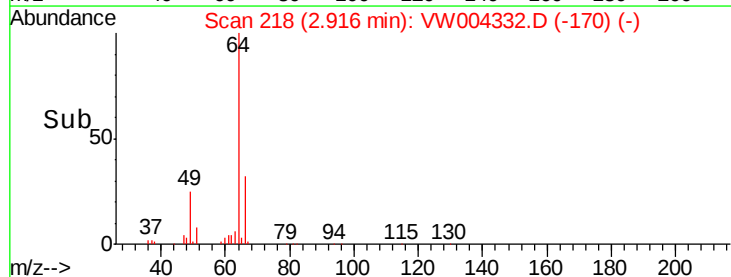
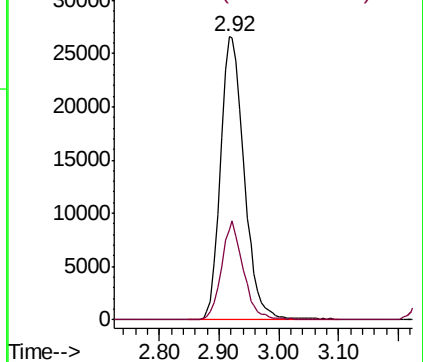
64 100

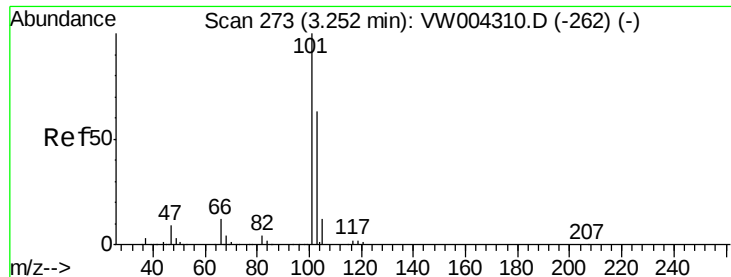
66 32.0 23.7 35.5



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW





#7

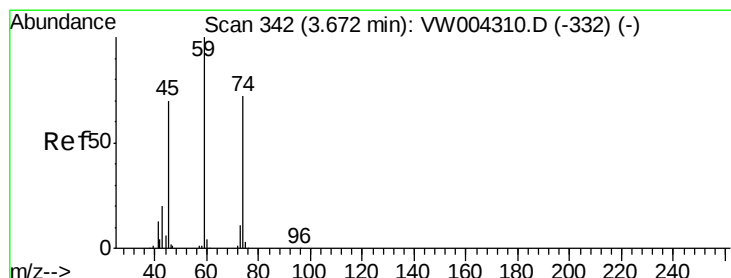
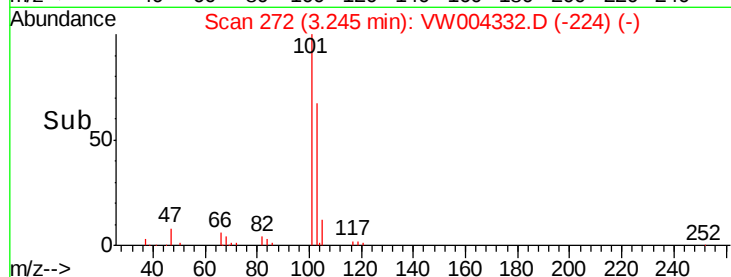
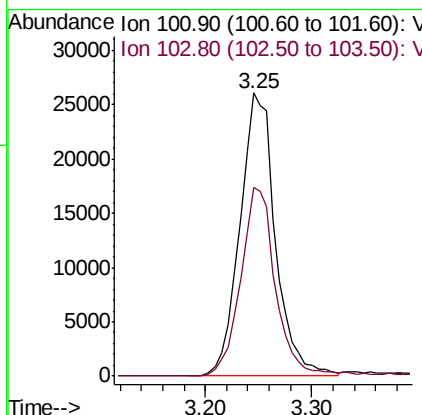
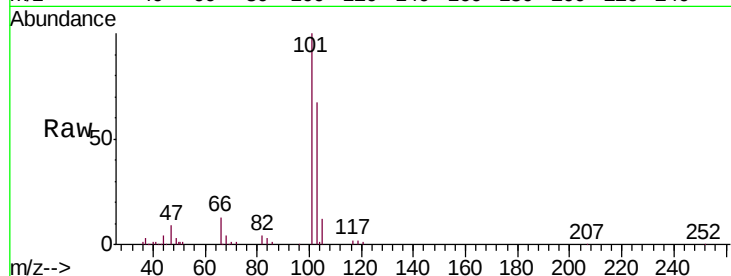
Trichlorofluoromethane
 Concen: 41.39 ug/l
 RT: 3.25 min Scan# 272
 Delta R.T. -0.01 min
 Lab File: VW004332.D
 Acq: 30 Jul 2018 00:42

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Tot Ion	Ratio	Lower	Upper
101	100		
103	66.8	50.8	76.2

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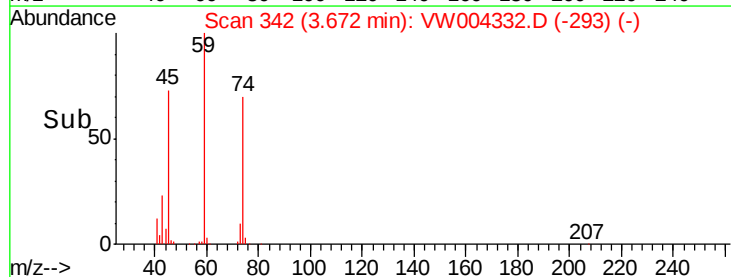
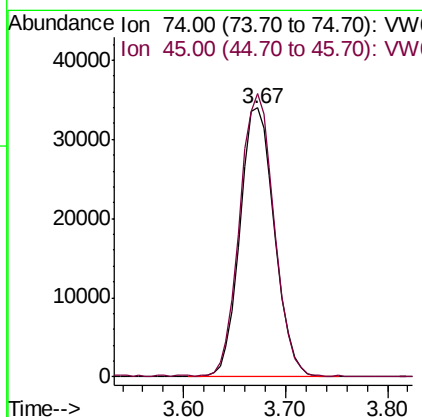
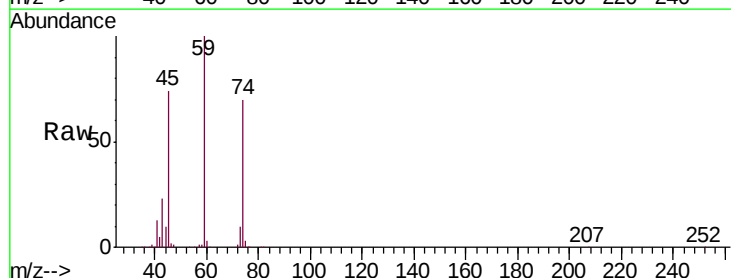
apatel
 7/30/2018 10:33:50 AM

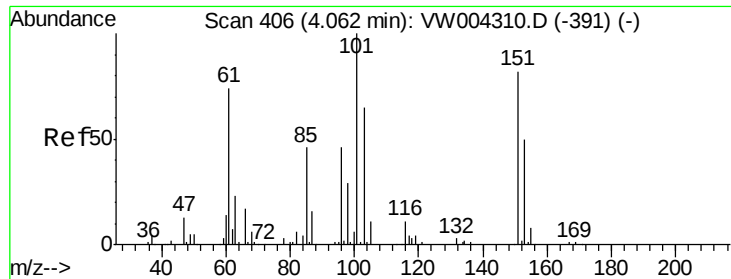


#8

Diethyl Ether
 Concen: 76.03 ug/l
 RT: 3.67 min Scan# 342
 Delta R.T. 0.00 min
 Lab File: VW004332.D
 Acq: 30 Jul 2018 00:42

Tgt Ion	Ratio	Lower	Upper
74	100		
45	104.5	49.4	148.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.13 ug/l

RT: 4.06 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW004332.D

Acq: 30 Jul 2018 00:42

Instrument :

MSVOA_W

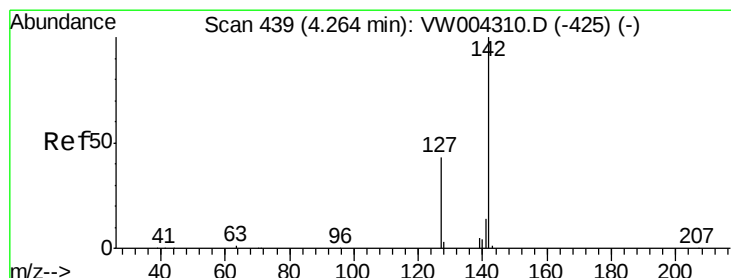
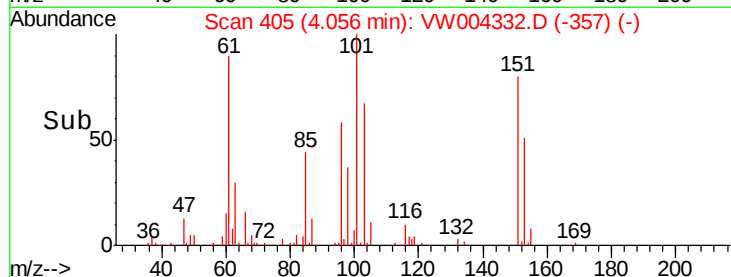
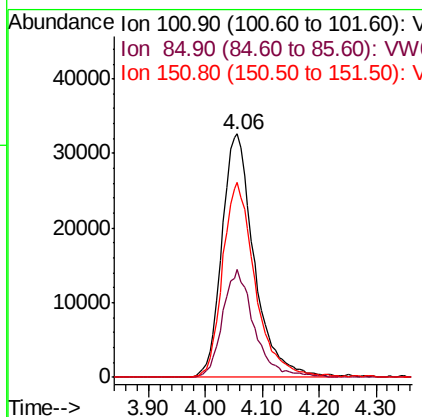
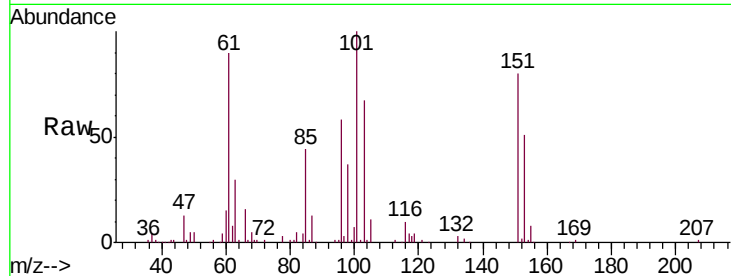
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	129142
Ion Ratio	Lower	Upper	
101	100		
85	43.3	35.5	53.3
151	80.8	64.6	97.0

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#10

Methyl Iodide

Concen: 54.30 ug/l

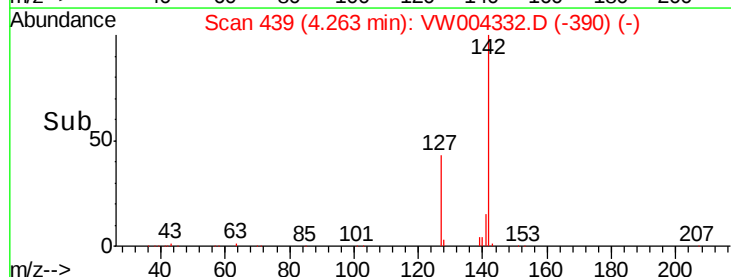
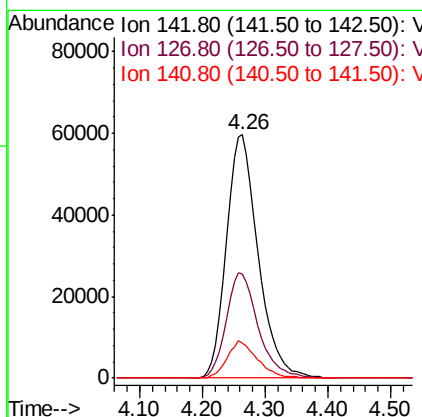
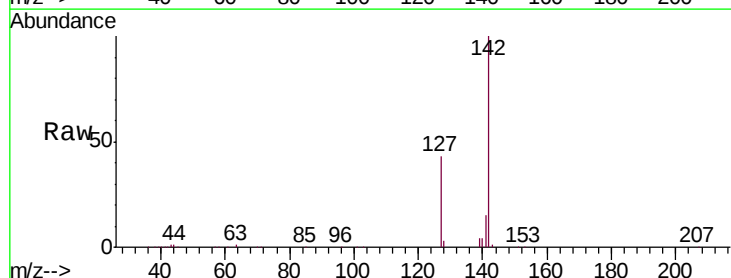
RT: 4.26 min Scan# 439

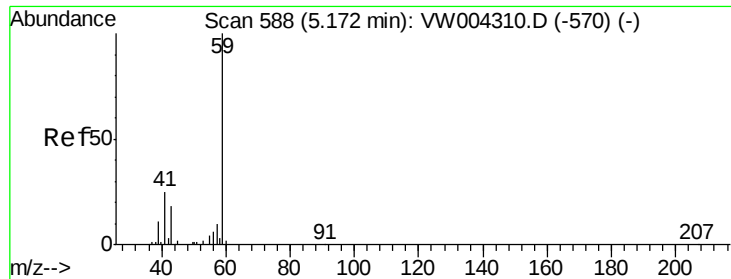
Delta R.T. 0.00 min

Lab File: VW004332.D

Acq: 30 Jul 2018 00:42

Tgt Ion:	142	Resp:	209214
Ion Ratio	Lower	Upper	
142	100		
127	43.5	34.6	52.0
141	14.7	11.5	17.3





#11

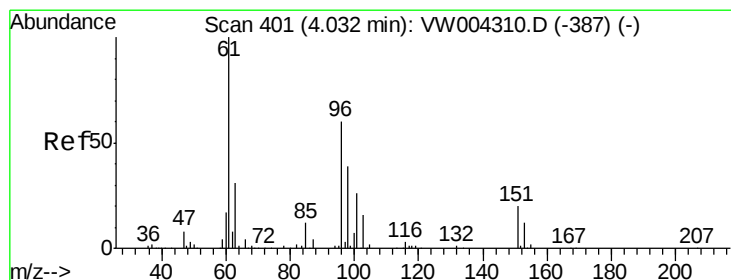
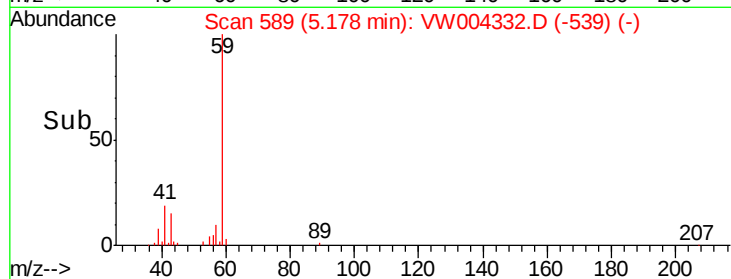
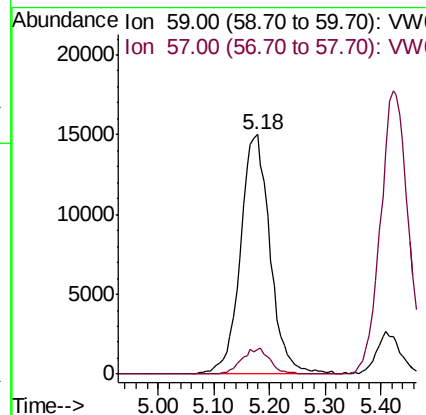
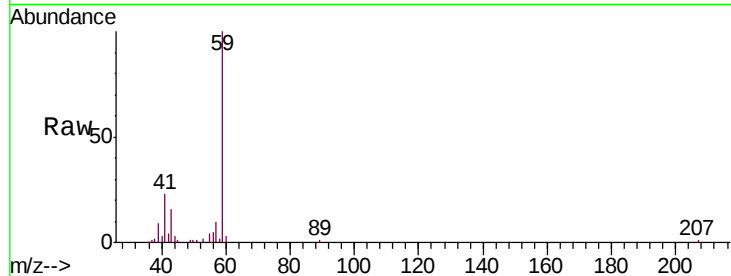
Tert butyl alcohol
 Concen: 315.97 ug/l
 RT: 5.18 min Scan# 589
 Delta R.T. 0.01 min
 Lab File: VW004332.D
 Acq: 30 Jul 2018 00:42

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.4	12.6

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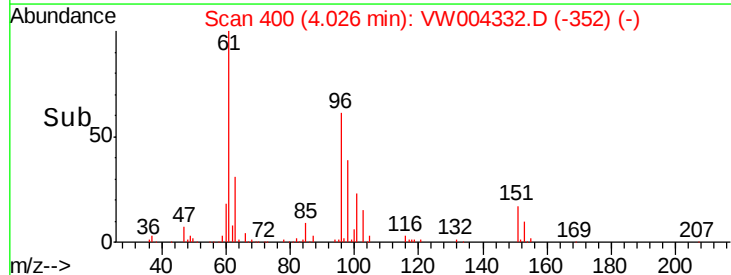
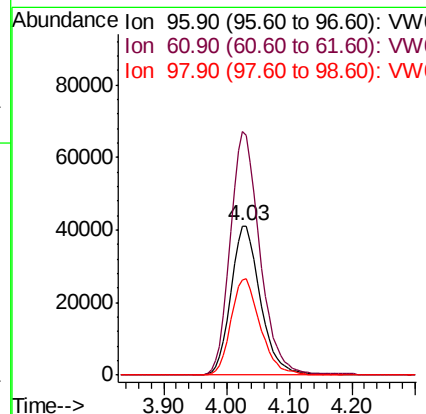
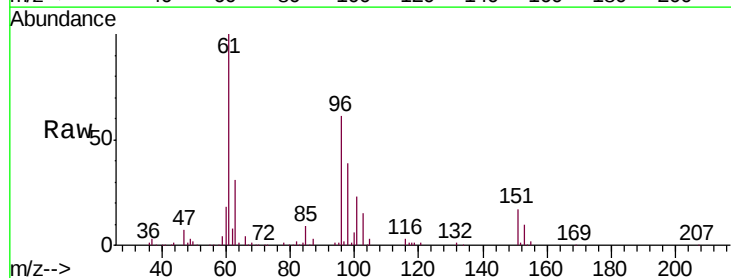
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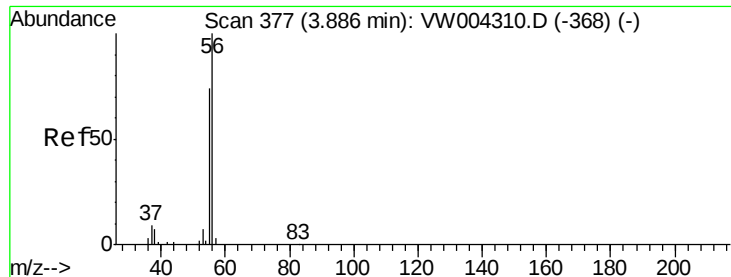


#12

1,1-Dichloroethene
 Concen: 53.28 ug/l
 RT: 4.03 min Scan# 400
 Delta R.T. -0.01 min
 Lab File: VW004332.D
 Acq: 30 Jul 2018 00:42

Tgt Ion	Ratio	Lower	Upper
96	100		
61	162.9	133.4	200.0
98	63.4	51.9	77.9





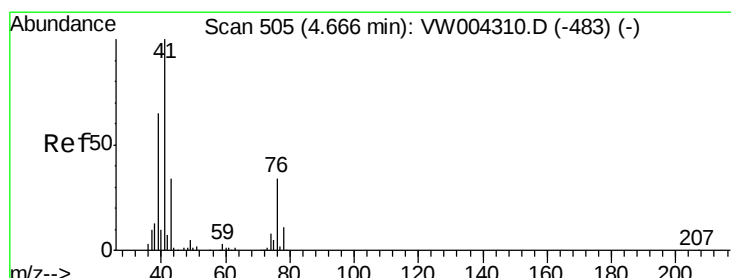
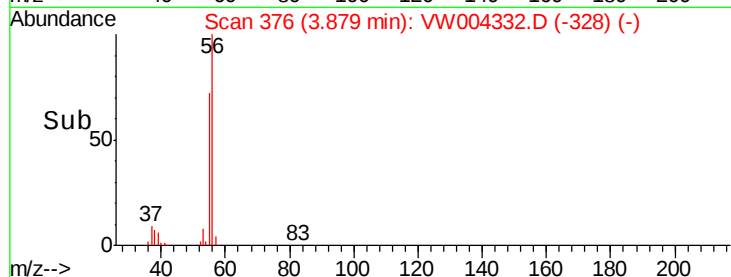
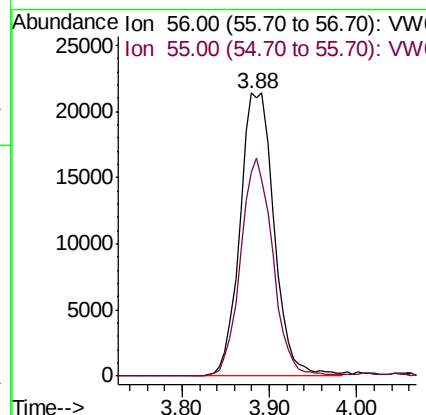
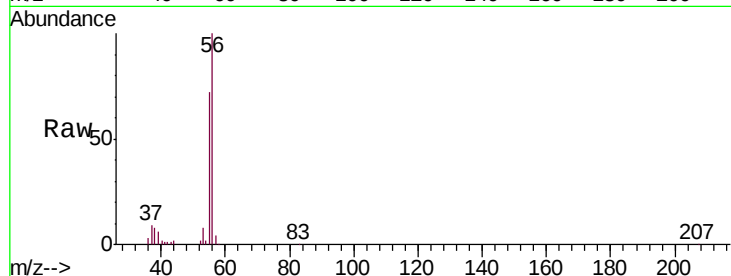
#13
Acrolein
Concen: 354.30 ug/l
RT: 3.88 min Scan# 376
Delta R.T. -0.01 min
Lab File: VW004332.D
Acq: 30 Jul 2018 00:42

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	56	Resp	58099
Ion Ratio	100	Lower	Upper
55	72.9	59.4	89.2

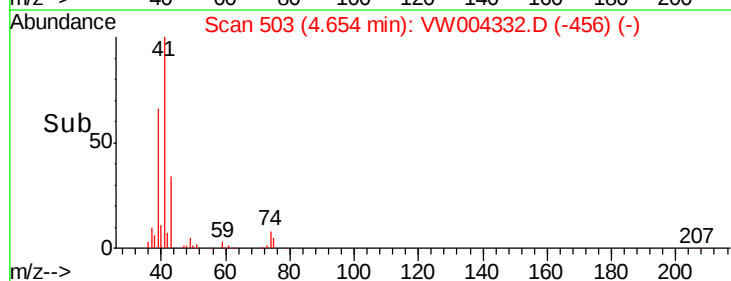
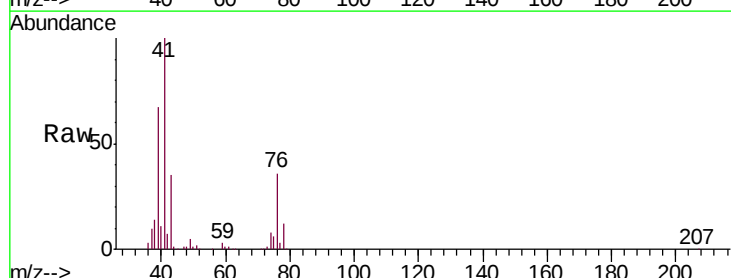
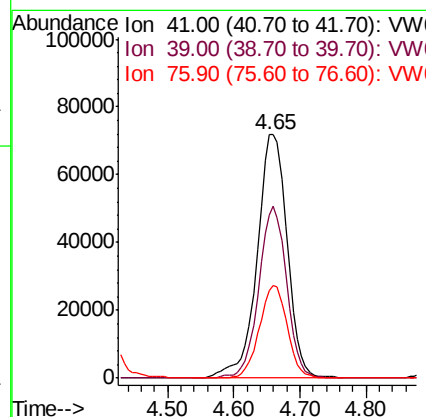
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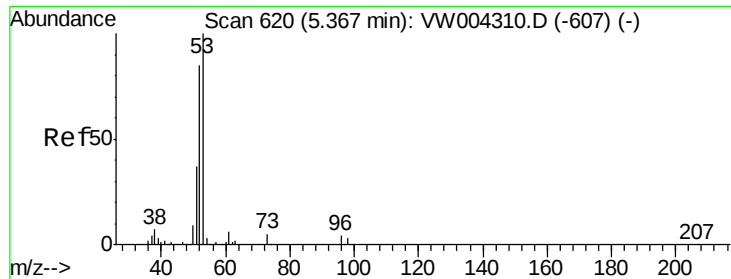
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#14
Allyl chloride
Concen: 53.20 ug/l
RT: 4.65 min Scan# 503
Delta R.T. -0.01 min
Lab File: VW004332.D
Acq: 30 Jul 2018 00:42

Tgt Ion	41	Resp	228332
Ion Ratio	100	Lower	Upper
39	65.3	52.3	78.5
76	35.0	27.3	40.9





#15

Acrylonitrile

Concen: 292.98 ug/l

RT: 5.37 min Scan# 620

Delta R.T. -0.00 min

Lab File: VW004332.D

Acq: 30 Jul 2018 00:42

Instrument :

MSVOA_W

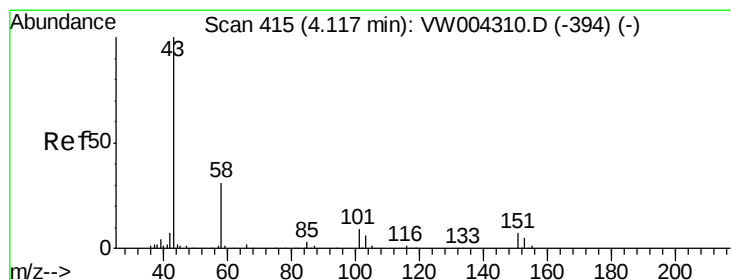
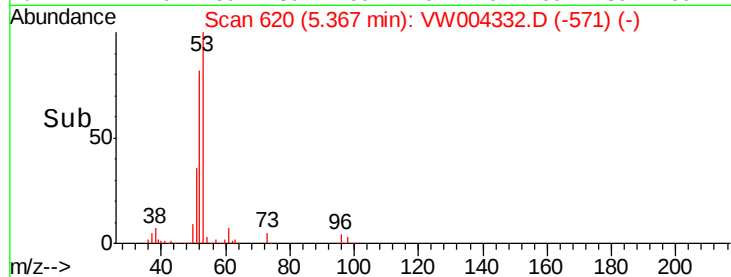
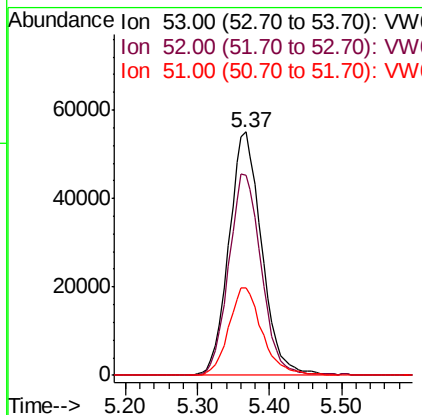
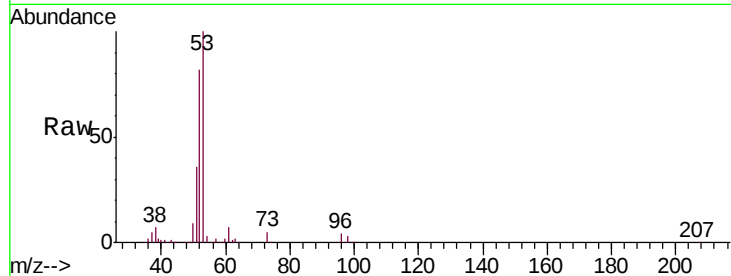
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	174025
Ion Ratio	Lower	Upper	
53	100		
52	82.2	65.7	98.5
51	36.9	29.2	43.8

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#16

Acetone

Concen: 234.55 ug/l

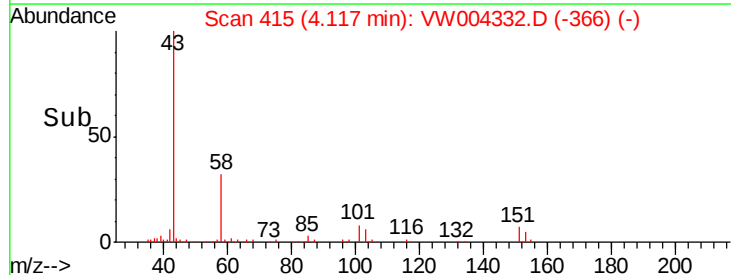
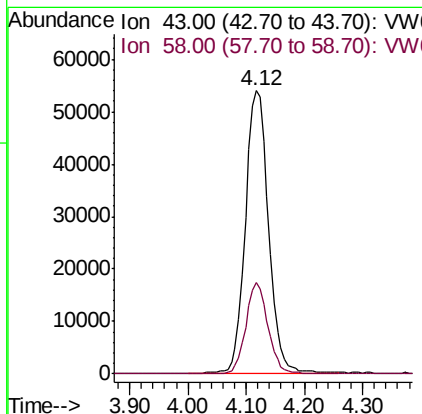
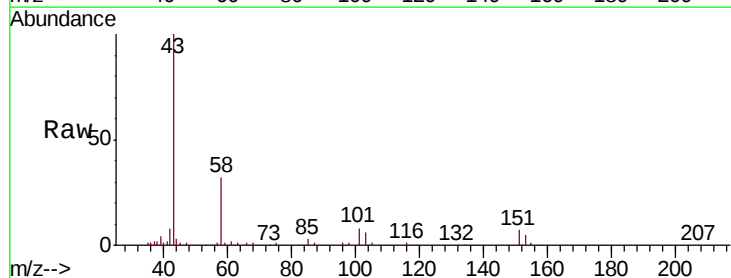
RT: 4.12 min Scan# 415

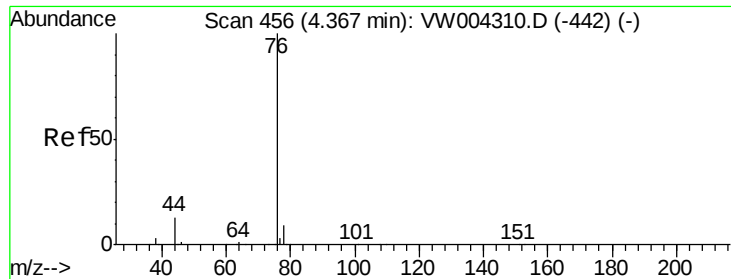
Delta R.T. 0.00 min

Lab File: VW004332.D

Acq: 30 Jul 2018 00:42

Tgt Ion:	43	Resp:	149884
Ion Ratio	Lower	Upper	
43	100		
58	32.0	24.8	37.2





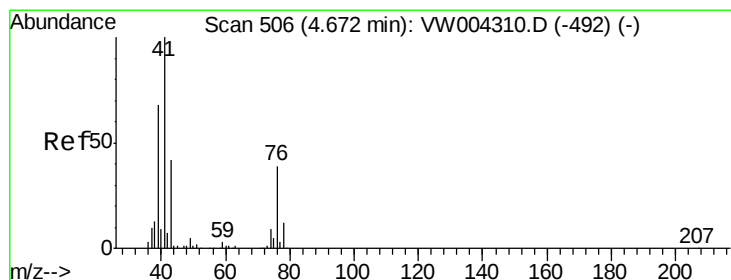
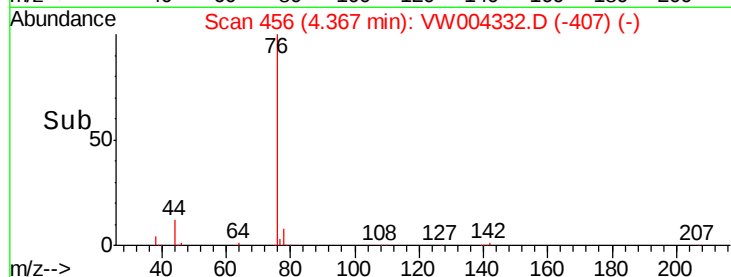
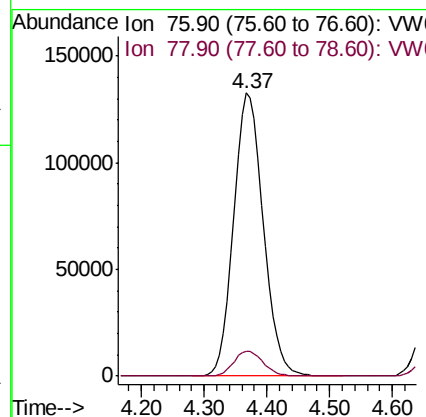
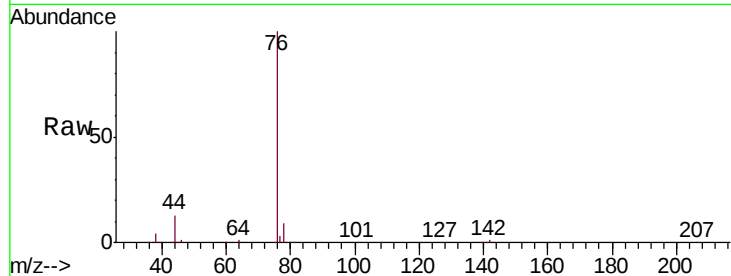
#17
Carbon Disulfide
Concen: 54.00 ug/l
RT: 4.37 min Scan# 456
Delta R.T. 0.00 min
Lab File: VW004332.D
Acq: 30 Jul 2018 00:42

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.4	11.0

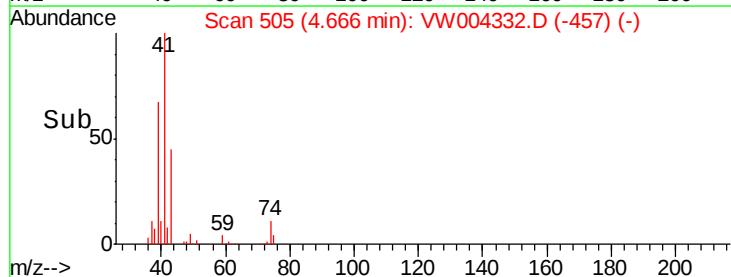
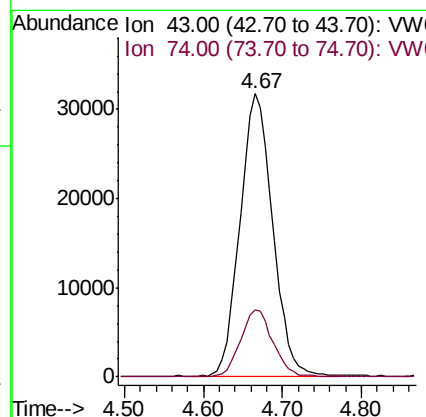
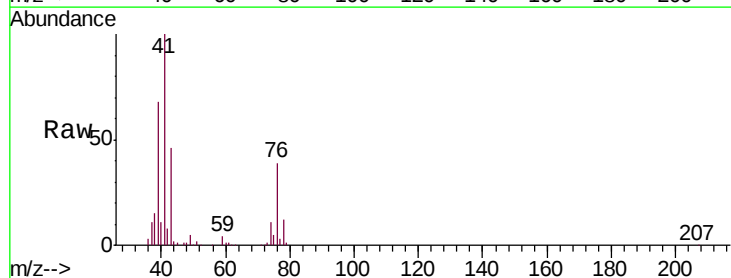
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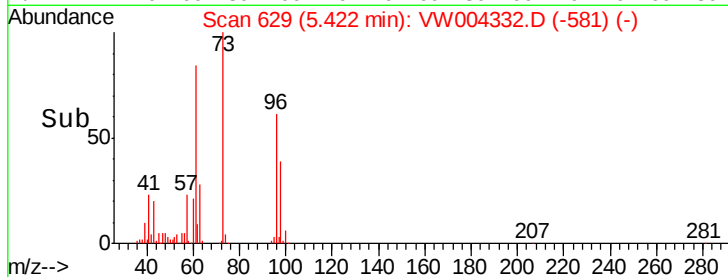
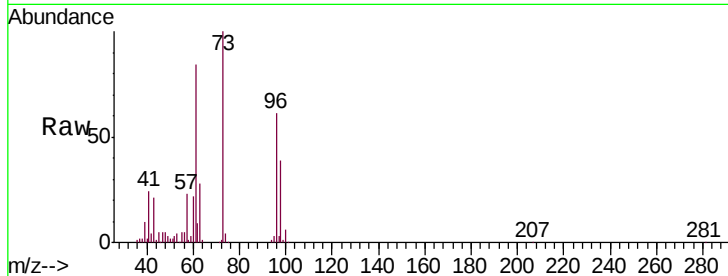
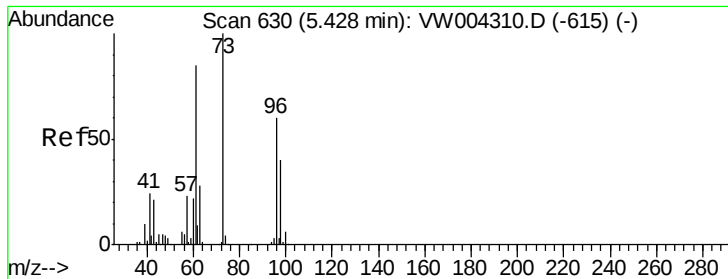
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#18
Methyl Acetate
Concen: 61.65 ug/l
RT: 4.67 min Scan# 505
Delta R.T. -0.01 min
Lab File: VW004332.D
Acq: 30 Jul 2018 00:42

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.3	17.8	26.6





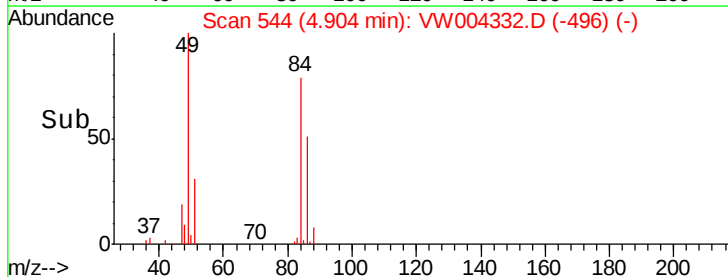
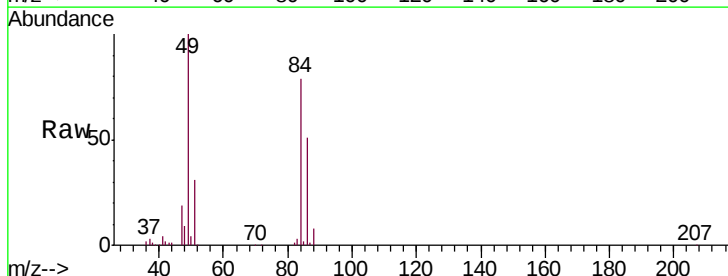
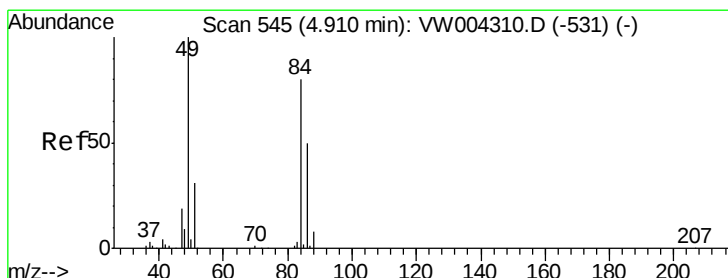
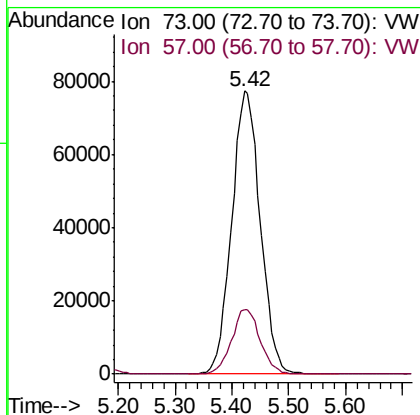
#19
Methvl tert-butvl Ether
Concen: 57.48 ug/l
RT: 5.42 min Scan# 629
Delta R.T. -0.01 min
Lab File: VW004332.D
Acq: 30 Jul 2018 00:42

Tot Ion: 73 Resp: 270602
Ion Ratio Lower Upper
73 100
57 22.9 18.4 27.6

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

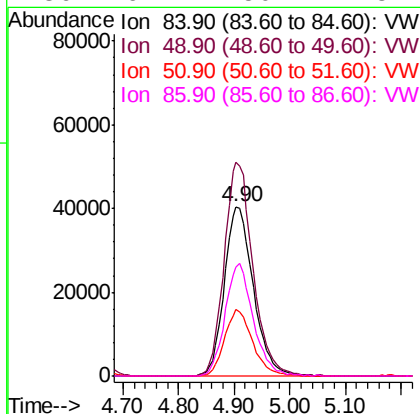
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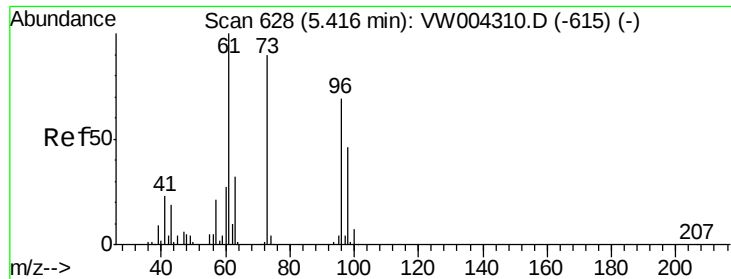
apatel
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#20
Methylene Chloride
Concen: 57.09 ug/l
RT: 4.90 min Scan# 544
Delta R.T. -0.01 min
Lab File: VW004332.D
Acq: 30 Jul 2018 00:42

Tgt Ion: 84 Resp: 145641
Ion Ratio Lower Upper
84 100
49 126.3 100.5 150.7
51 39.0 30.9 46.3
86 64.1 50.2 75.4





#21

trans-1,2-Dichloroethene

Concen: 54.65 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.00 min

Lab File: VW004332.D

Acq: 30 Jul 2018 00:42

Instrument :

MSVOA_W

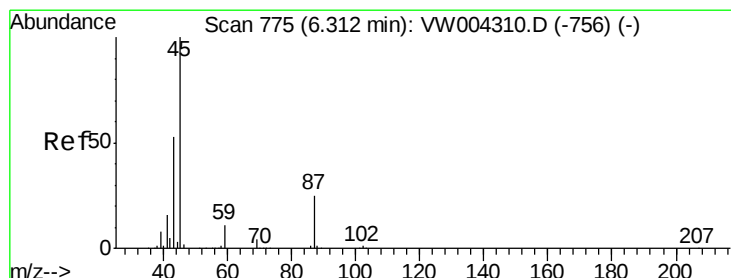
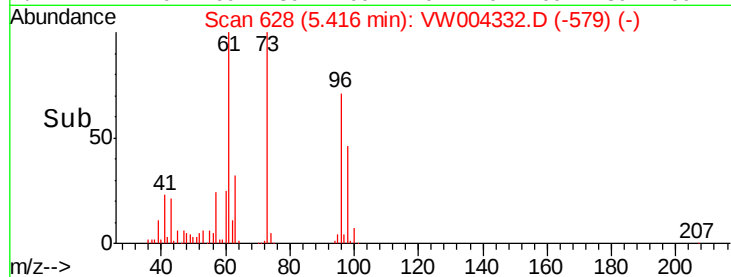
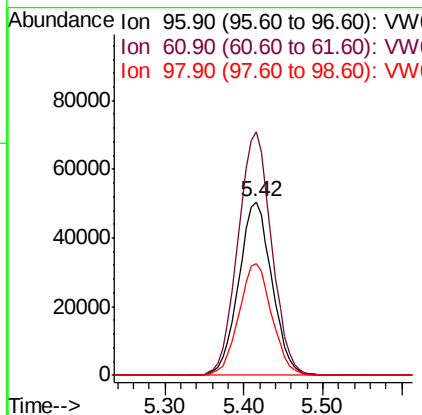
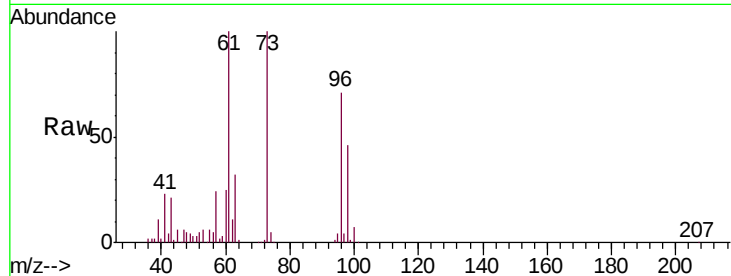
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	147815
Ion	Ratio	Lower	Upper
96	100		
61	140.2	116.2	174.2
98	64.1	52.9	79.3

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#22

Diisopropyl ether

Concen: 58.40 ug/l

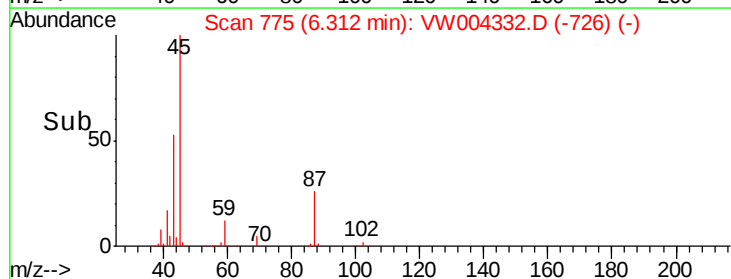
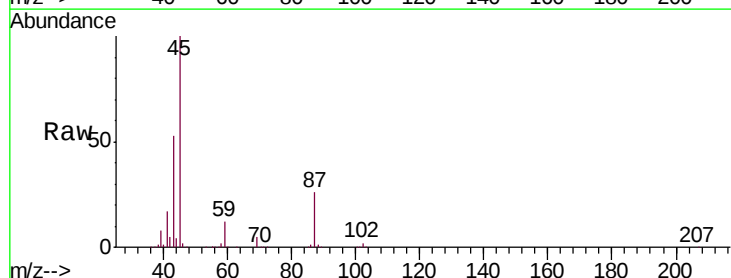
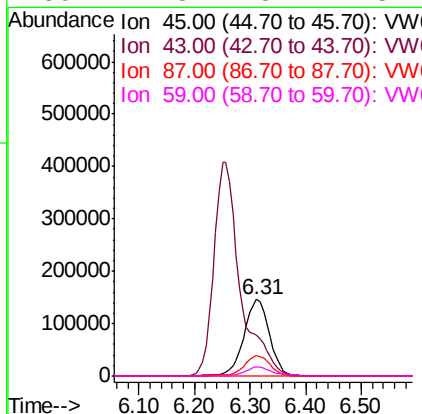
RT: 6.31 min Scan# 775

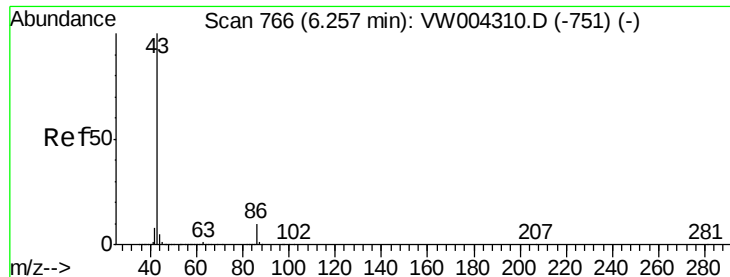
Delta R.T. -0.00 min

Lab File: VW004332.D

Acq: 30 Jul 2018 00:42

Tgt Ion:	45	Resp:	468765
Ion	Ratio	Lower	Upper
45	100		
43	53.1	42.3	63.5
87	26.2	19.9	29.9
59	11.8	8.7	13.1





#23

Vinyl Acetate

Concen: 288.18 ug/l

RT: 6.25 min Scan# 765

Delta R.T. -0.01 min

Lab File: VW004332.D

Acq: 30 Jul 2018 00:42

Tot Ion: 43 Resp: 1342030

Ion Ratio Lower Upper

43 100

86 9.6 7.7 11.5

Instrument :

MSVOA_W

ClientSampleId :

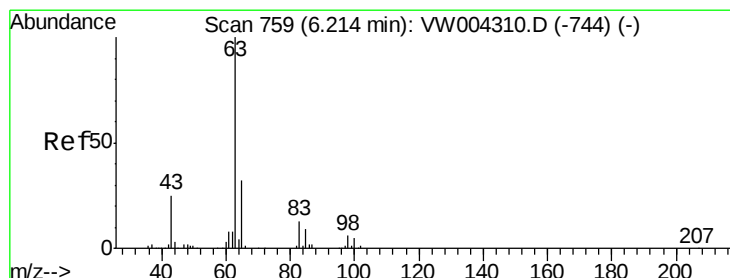
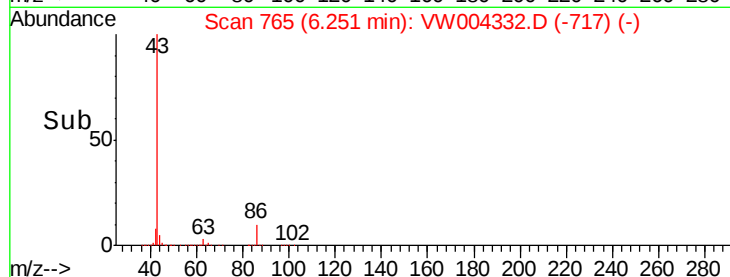
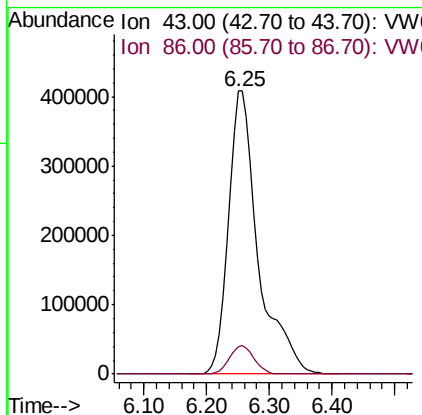
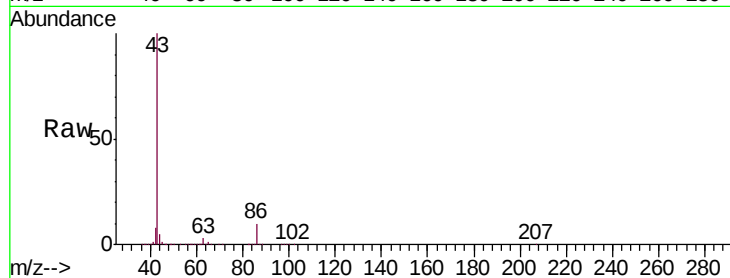
VSTDCCC050

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#24

1,1-Dichloroethane

Concen: 55.50 ug/l

RT: 6.21 min Scan# 759

Delta R.T. 0.00 min

Lab File: VW004332.D

Acq: 30 Jul 2018 00:42

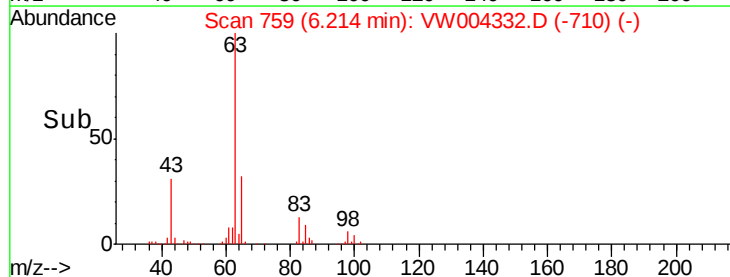
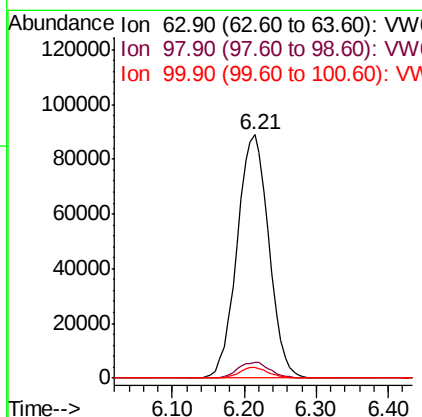
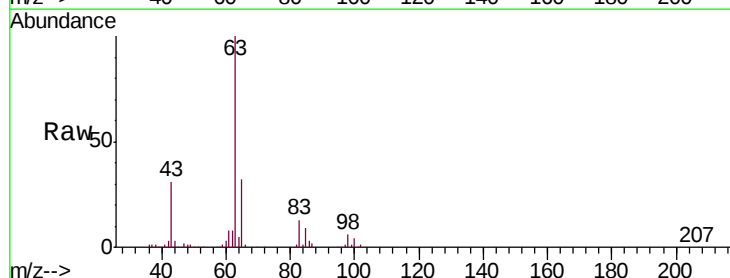
Tgt Ion: 63 Resp: 271657

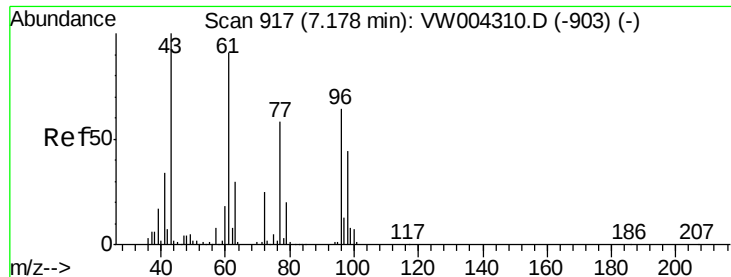
Ion Ratio Lower Upper

63 100

98 6.4 3.2 9.6

100 4.4 2.3 6.9





#25

2-Butanone

Concen: 309.15 ug/l

RT: 7.17 min Scan# 916

Delta R.T. -0.01 min

Lab File: VW004332.D

Acq: 30 Jul 2018 00:42

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 229594

Ion Ratio Lower Upper

43 100

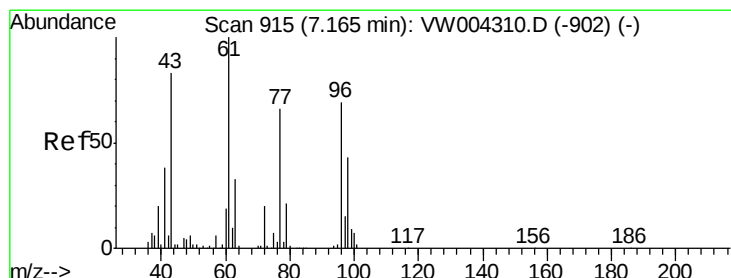
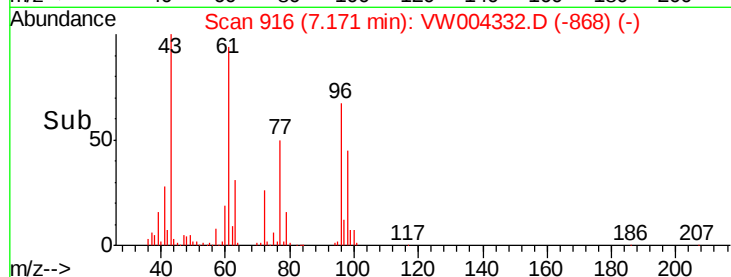
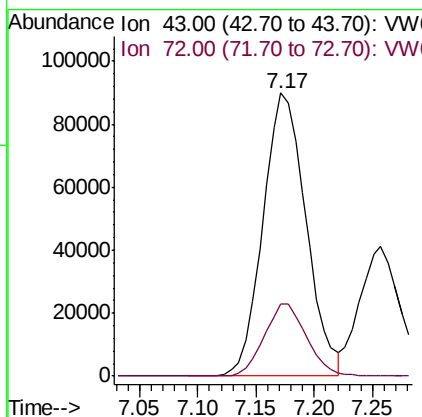
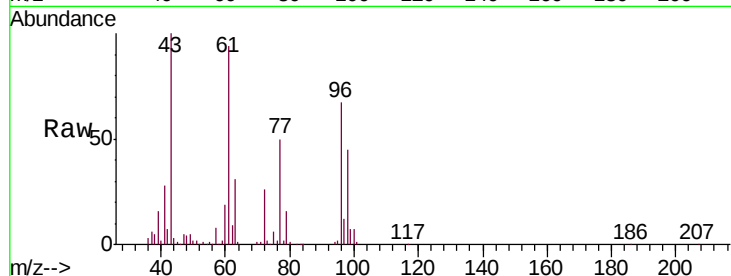
72 25.7 20.3 30.5

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 44.67 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW004332.D

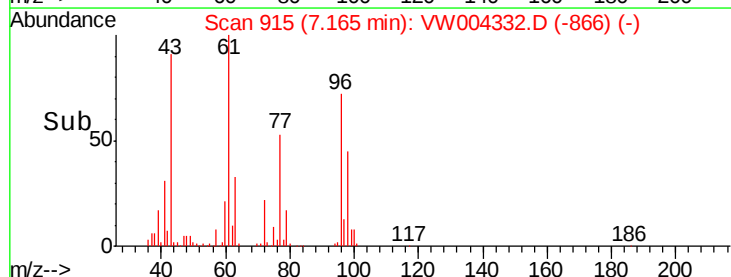
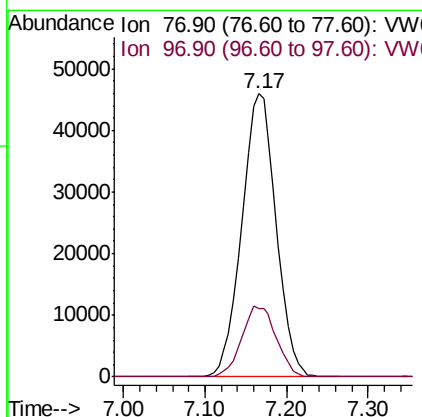
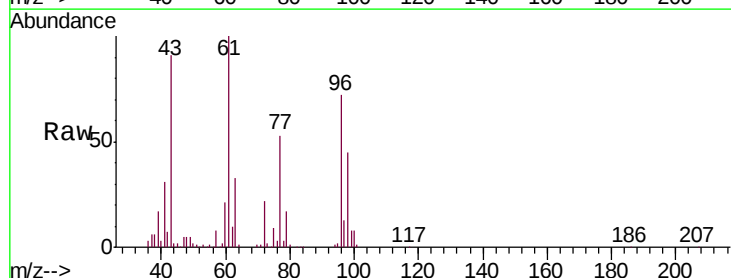
Acq: 30 Jul 2018 00:42

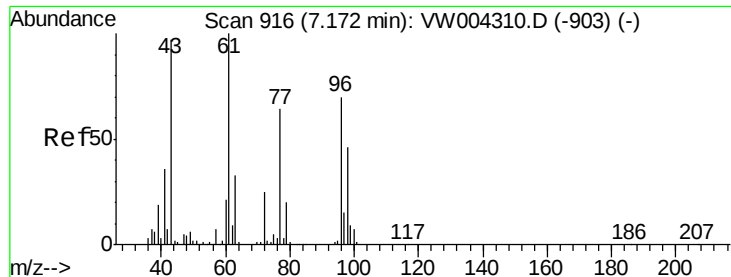
Tgt Ion: 77 Resp: 133959

Ion Ratio Lower Upper

77 100

97 25.2 11.7 35.1





#27

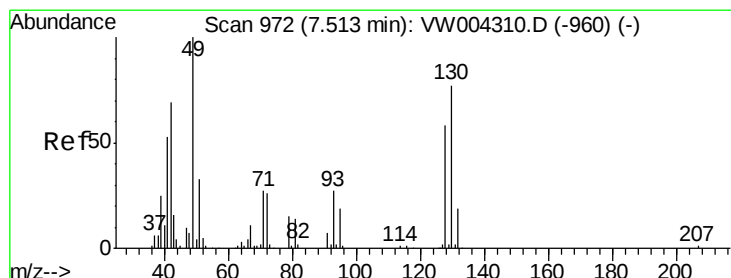
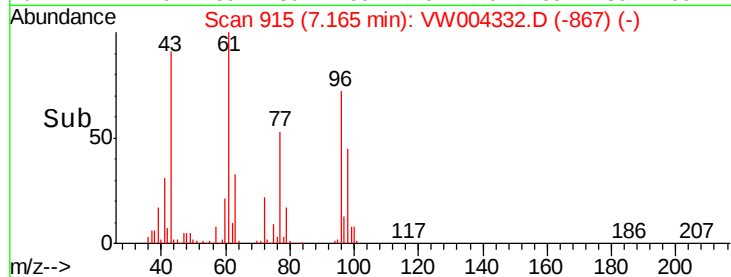
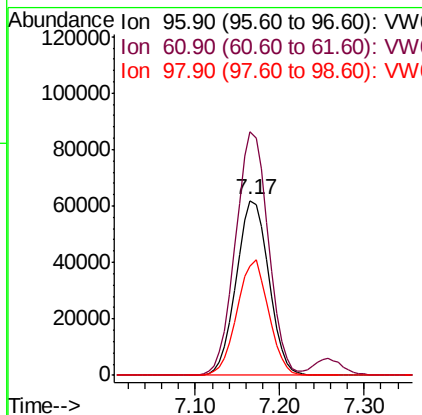
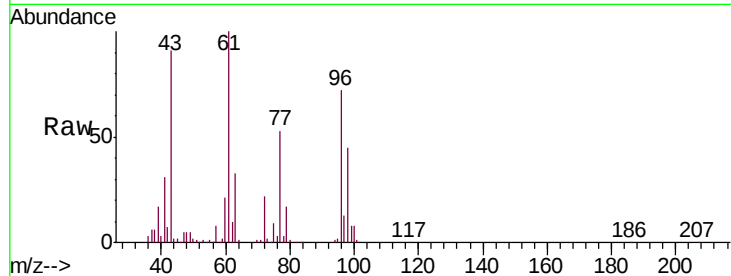
cis-1,2-Dichloroethene
 Concen: 56.20 ug/l
 RT: 7.17 min Scan# 915
 Delta R.T. -0.01 min
 Lab File: VW004332.D
 Acq: 30 Jul 2018 00:42

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	140.2	0.0	292.0
98	63.9	0.0	129.6

Manual Integrations
 APPROVED

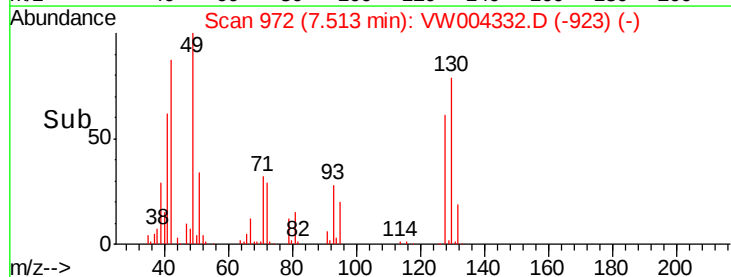
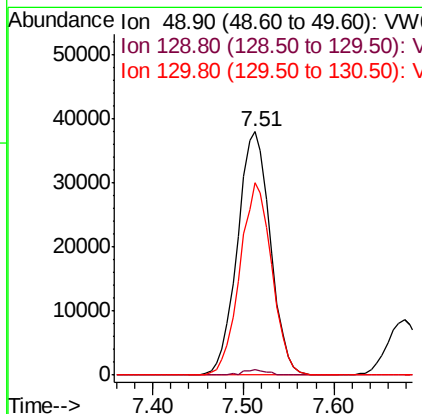
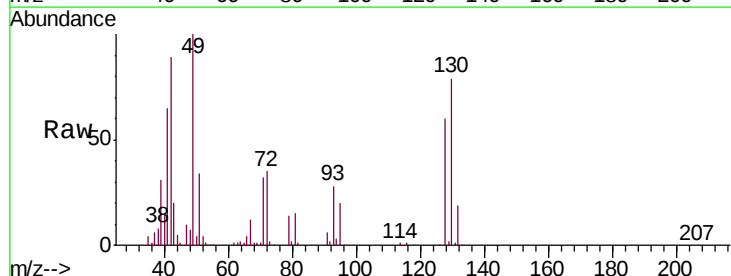
apatel
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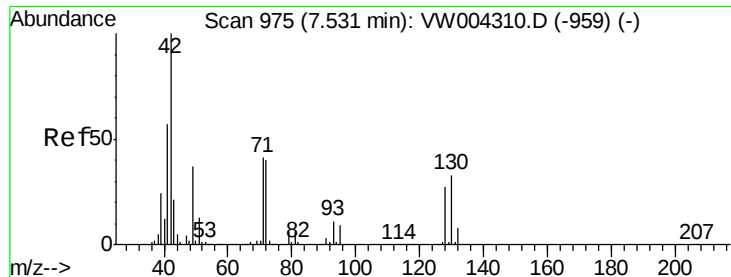


#28

Bromochloromethane
 Concen: 52.61 ug/l
 RT: 7.51 min Scan# 972
 Delta R.T. -0.00 min
 Lab File: VW004332.D
 Acq: 30 Jul 2018 00:42

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	4.6
130	77.0	61.5	92.3





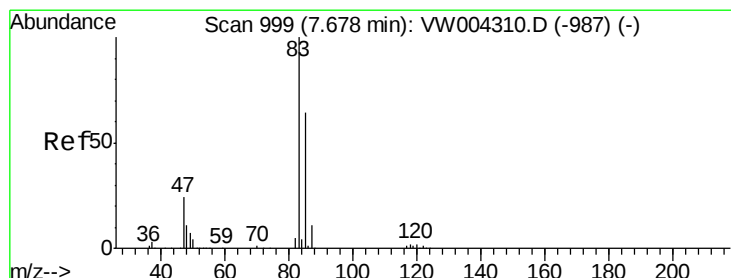
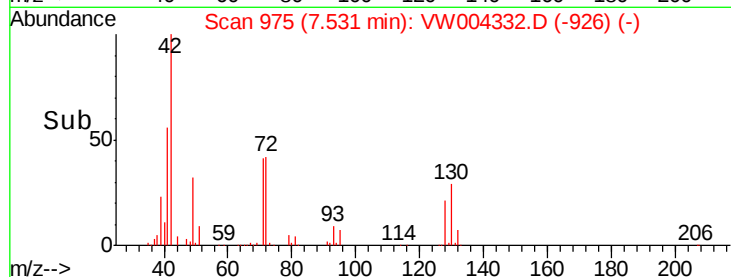
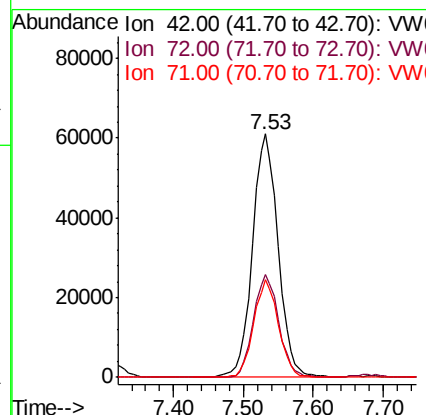
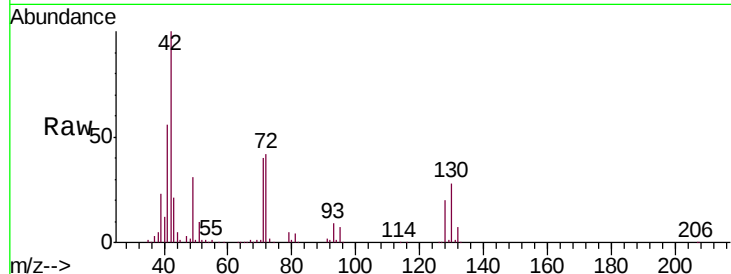
#29
Tetrahydrofuran
Concen: 302.58 ug/l
RT: 7.53 min Scan# 975
Delta R.T. 0.00 min
Lab File: VW004332.D
Acq: 30 Jul 2018 00:42

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.6	32.6	48.8
71	38.7	31.3	46.9

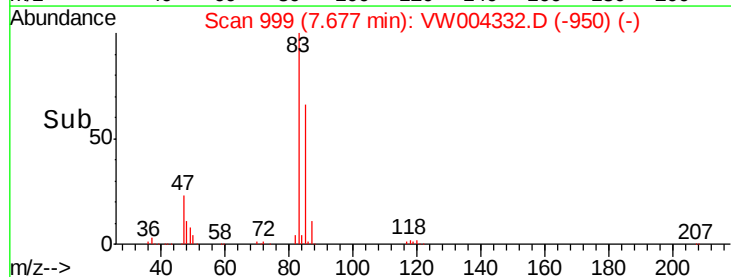
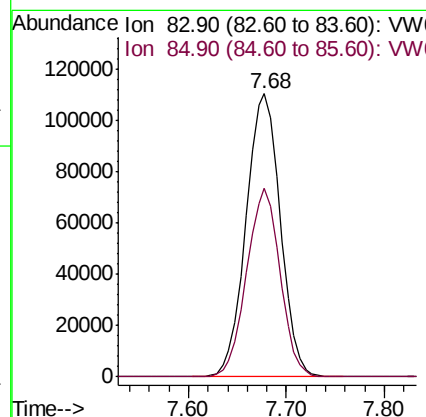
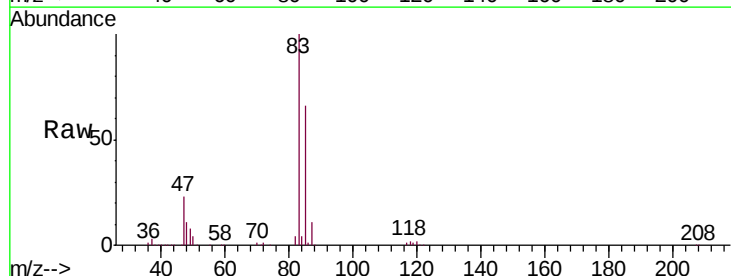
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APPROVED

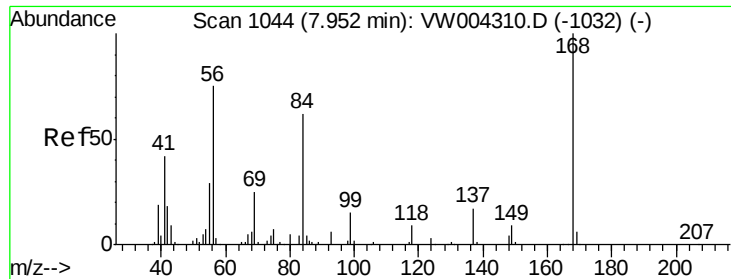
apatel
7/30/2018 10:33:50 AM



#30
Chloroform
Concen: 54.52 ug/l
RT: 7.68 min Scan# 999
Delta R.T. -0.00 min
Lab File: VW004332.D
Acq: 30 Jul 2018 00:42

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.4	51.5	77.3





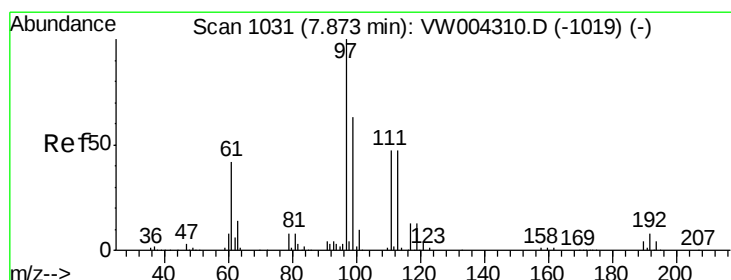
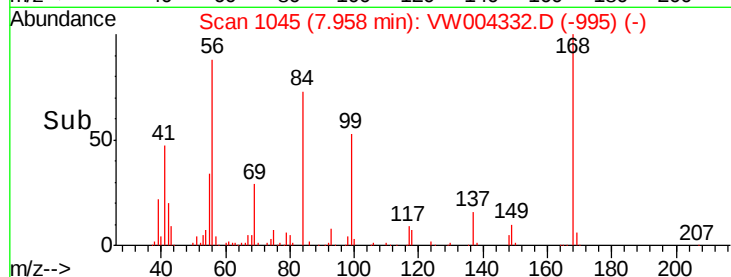
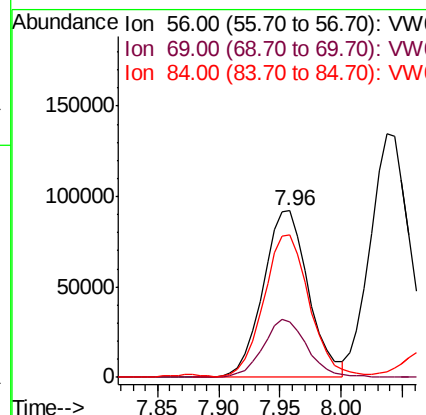
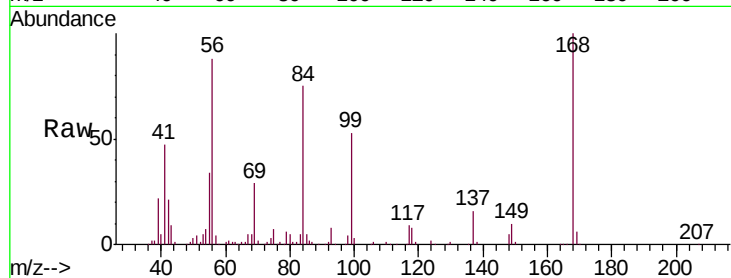
#31
Cyclohexane
Concen: 52.25 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. 0.01 min
Lab File: VW004332.D
Acq: 30 Jul 2018 00:42

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.4	26.3	39.5
84	84.0	66.2	99.4

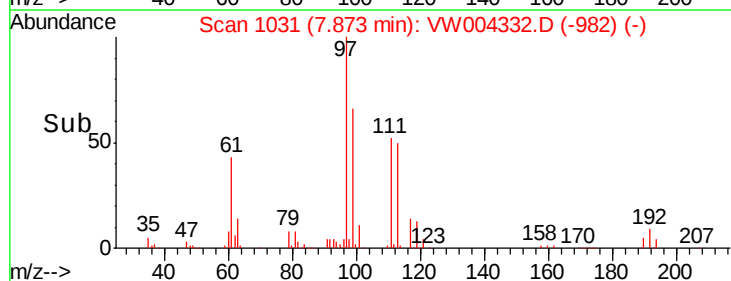
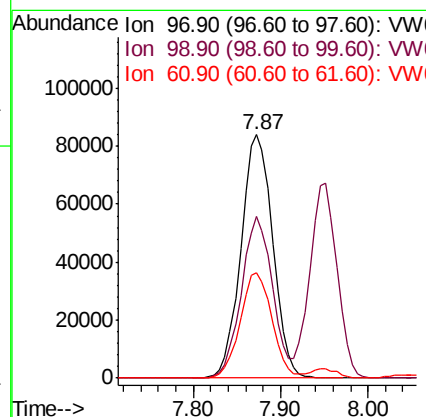
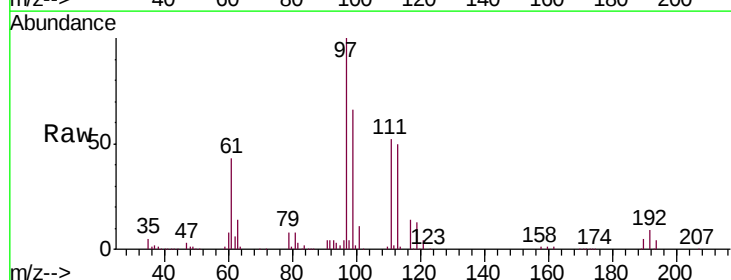
Manual Integrations
APPROVED

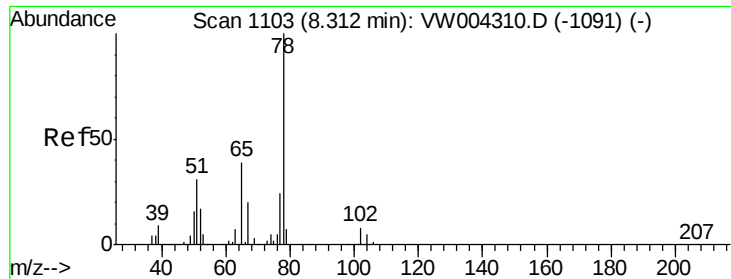
apatel
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#32
1,1,1-Trichloroethane
Concen: 52.29 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VW004332.D
Acq: 30 Jul 2018 00:42

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.7	51.7	77.5
61	43.3	34.8	52.2





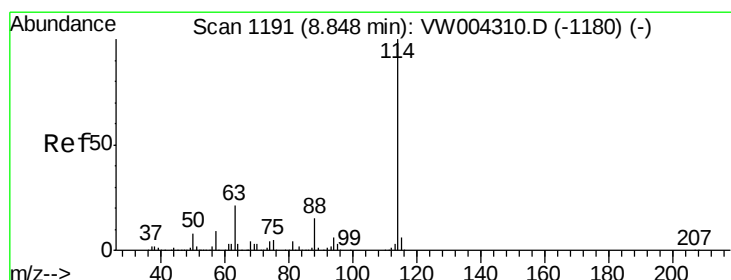
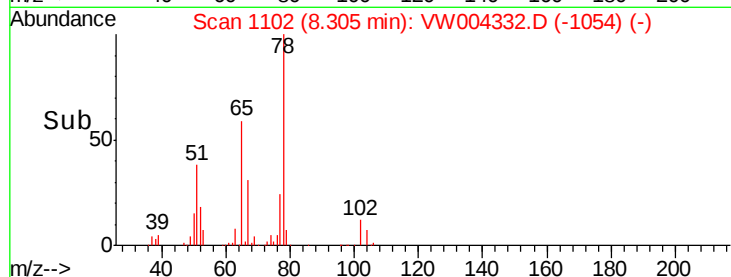
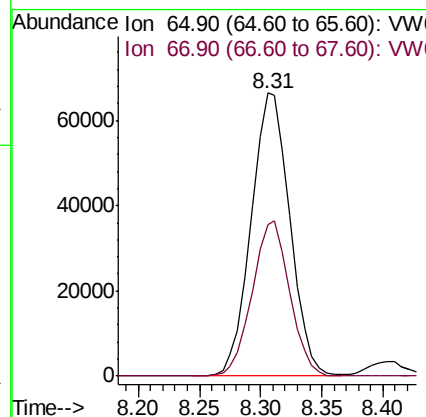
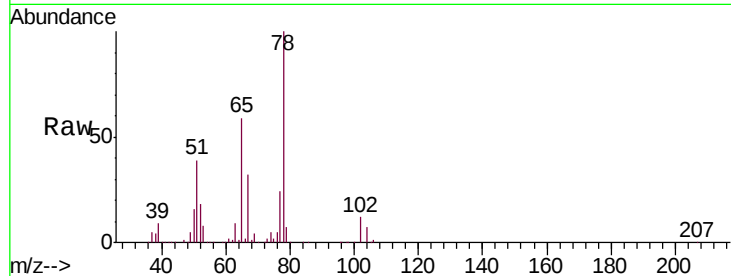
#33
 1,2-Dichloroethane-d4
 Concen: 54.68 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.01 min
 Lab File: VW004332.D
 Acq: 30 Jul 2018 00:42

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	146229		
67	53.2	0.0	106.4	

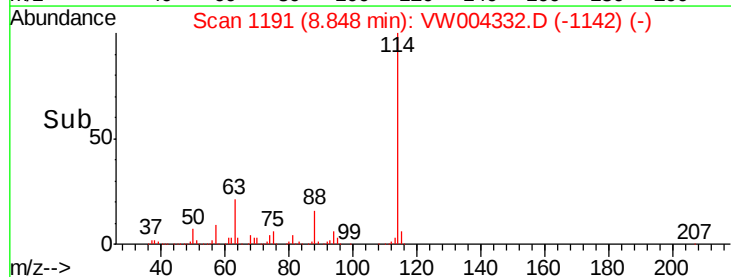
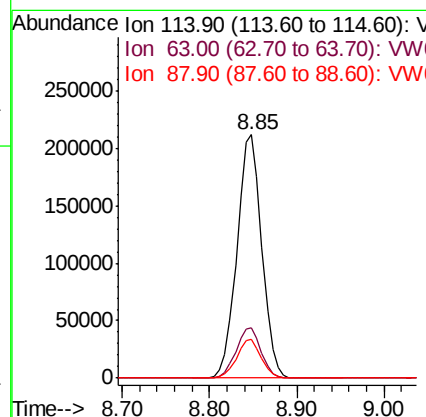
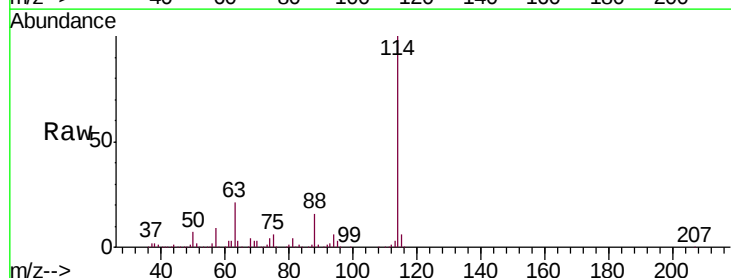
Manual Integrations
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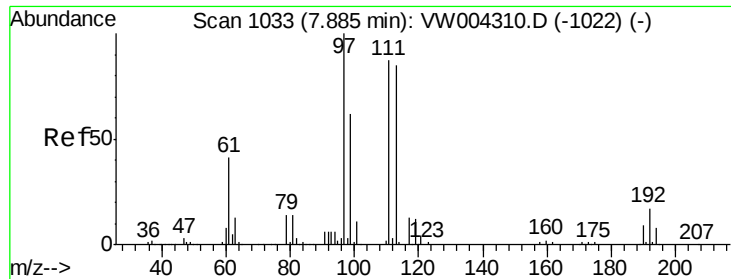
apatel
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW004332.D
 Acq: 30 Jul 2018 00:42

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	416371		
63	20.7	0.0	41.4	
88	15.8	0.0	30.6	





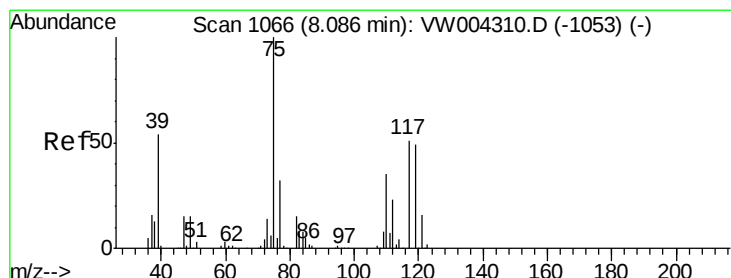
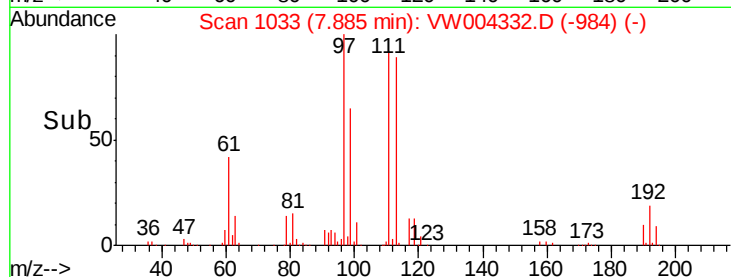
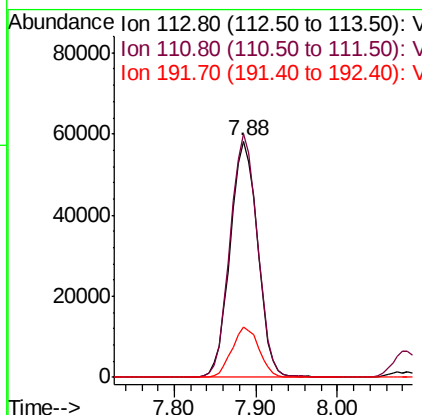
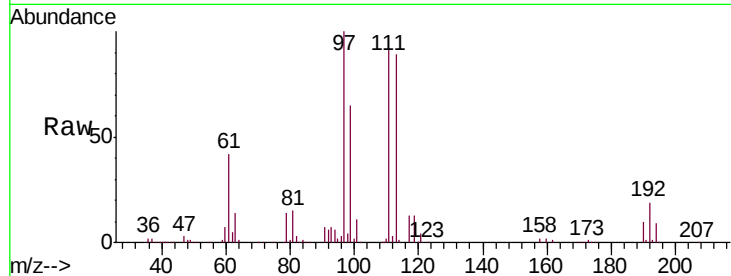
#35
 Dibromofluoromethane
 Concen: 51.38 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW004332.D
 Acq: 30 Jul 2018 00:42

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	135198		
111	102.8	82.1	123.1	
192	21.0	16.2	24.4	

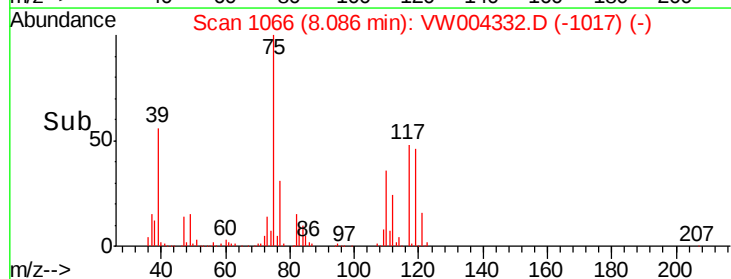
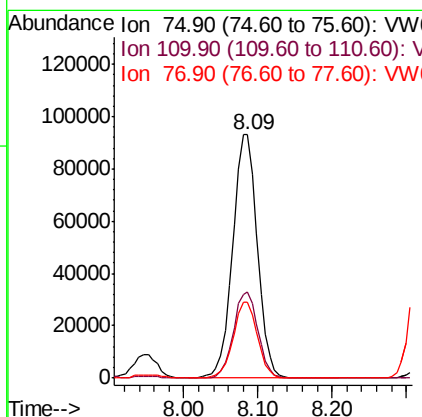
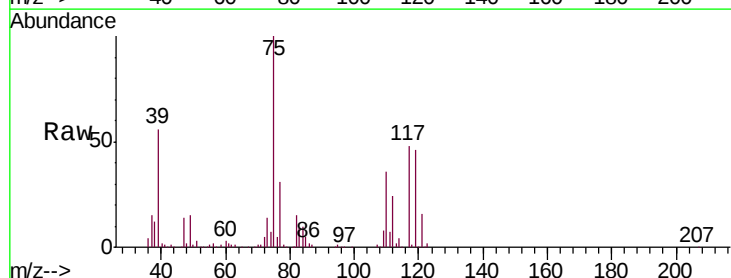
Manual Integrations
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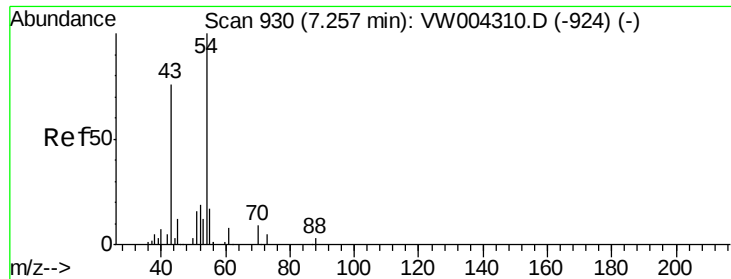
apatel
 7/30/2018 10:33:50 AM



#36
 1,1-Dichloropropene
 Concen: 51.83 ug/l
 RT: 8.09 min Scan# 1066
 Delta R.T. -0.00 min
 Lab File: VW004332.D
 Acq: 30 Jul 2018 00:42

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	215869		
110	35.1	17.3	52.0	
77	31.1	25.0	37.6	





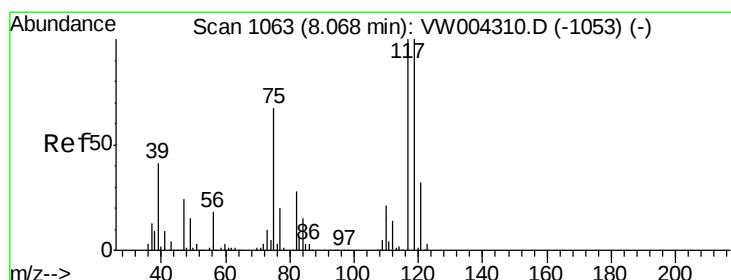
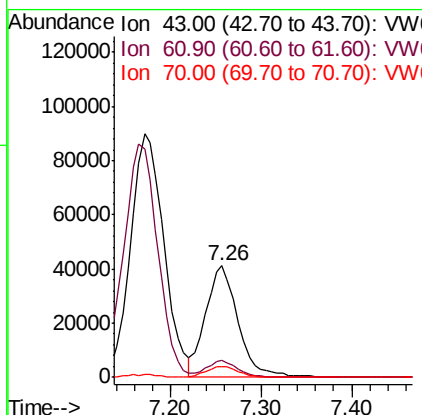
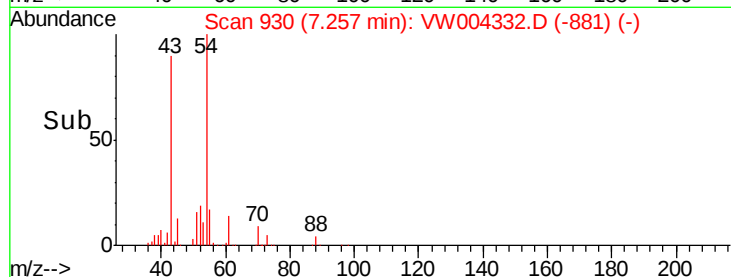
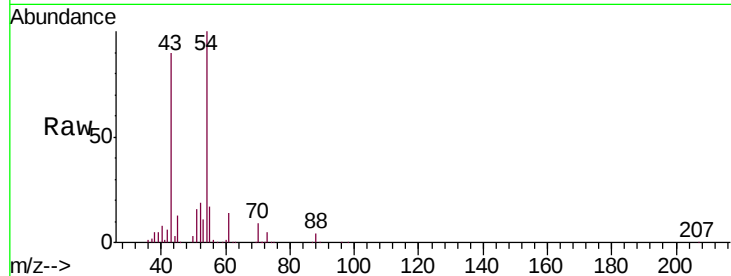
#37
Ethyl Acetate
Concen: 59.59 ug/l
RT: 7.26 min Scan# 930
Delta R.T. -0.00 min
Lab File: VW004332.D
Acq: 30 Jul 2018 00:42

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.1	11.1	16.7
70	9.9	7.8	11.6

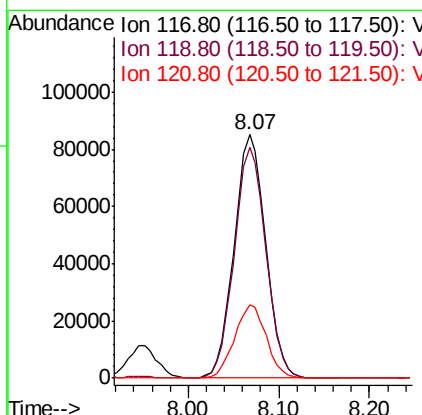
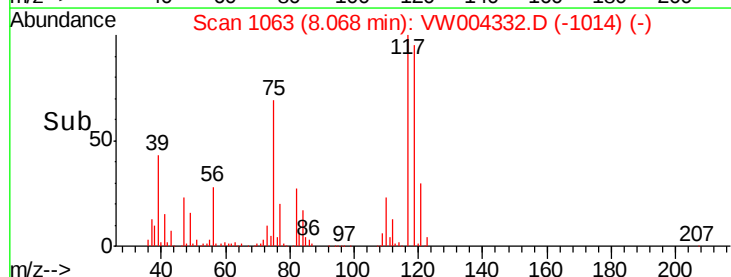
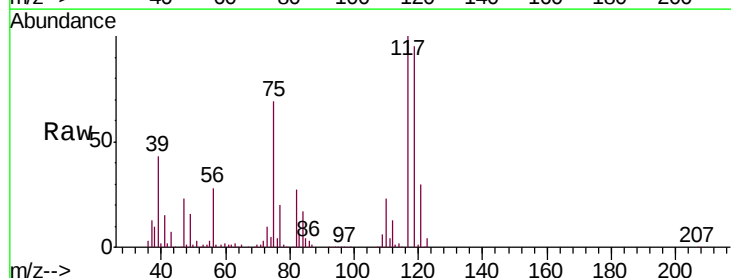
Manual Integrations
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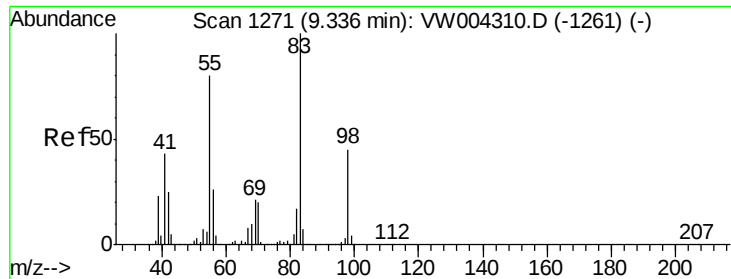
apatel
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#38
Carbon Tetrachloride
Concen: 49.85 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. -0.00 min
Lab File: VW004332.D
Acq: 30 Jul 2018 00:42

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.0	79.7	119.5
121	30.3	25.7	38.5





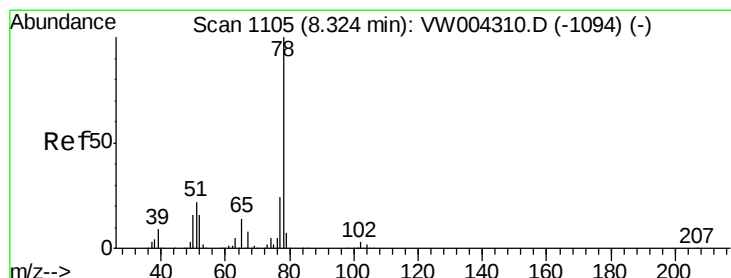
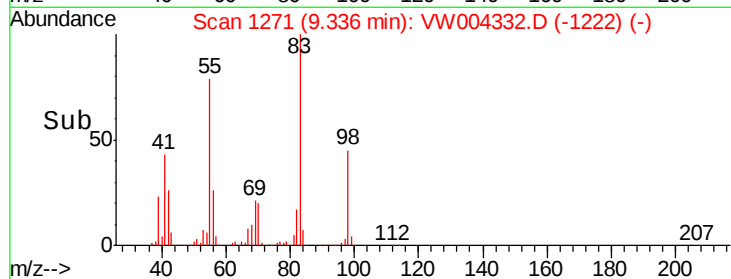
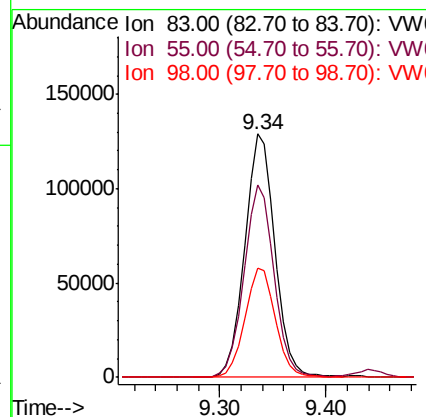
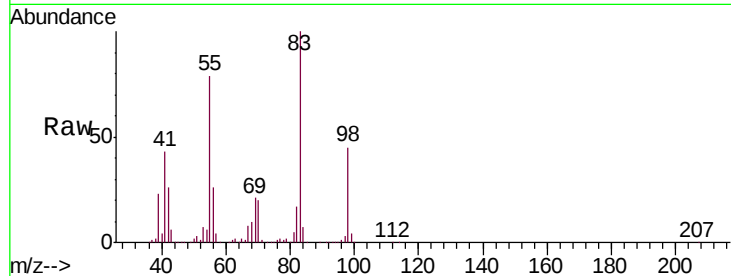
#39
Methvlcvclohexane
Concen: 51.11 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VW004332.D
Acq: 30 Jul 2018 00:42

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	78.9	64.3	96.5	
98	45.1	36.3	54.5	

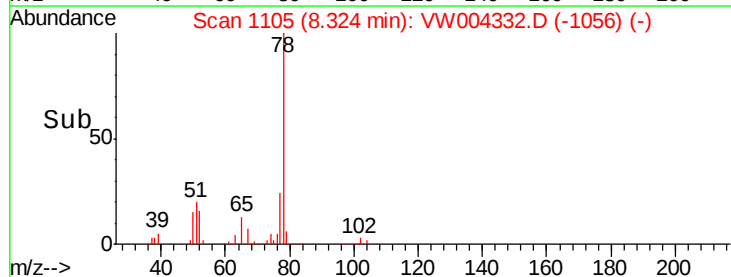
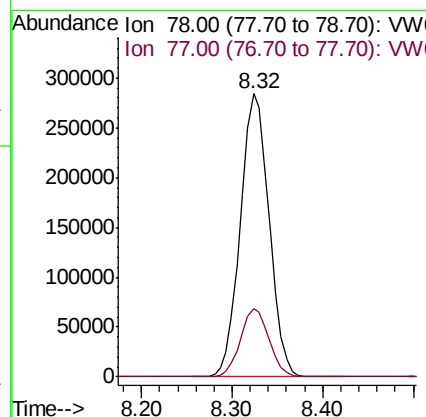
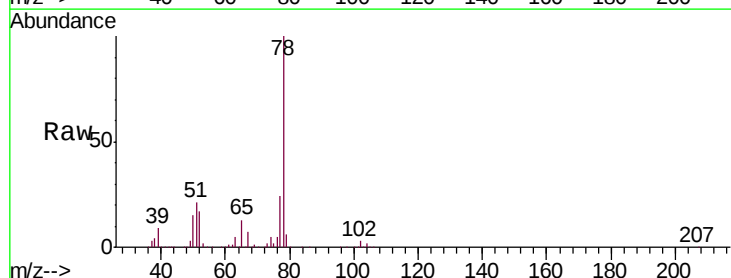
Manual Integrations
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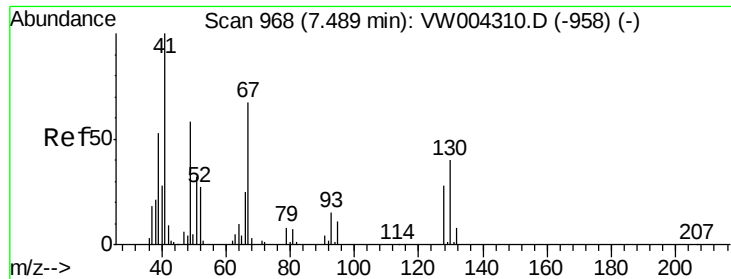
apatel
7/30/2018 10:33:50 AM



#40
Benzene
Concen: 53.37 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VW004332.D
Acq: 30 Jul 2018 00:42

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	24.1	19.4	29.0	





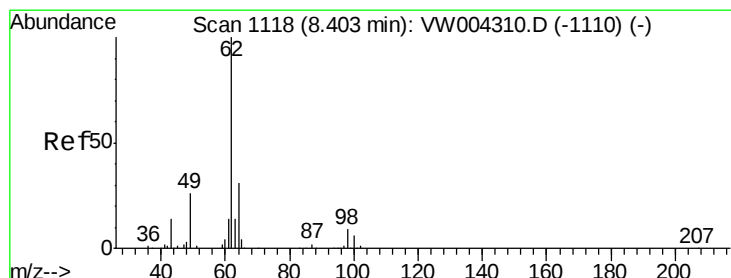
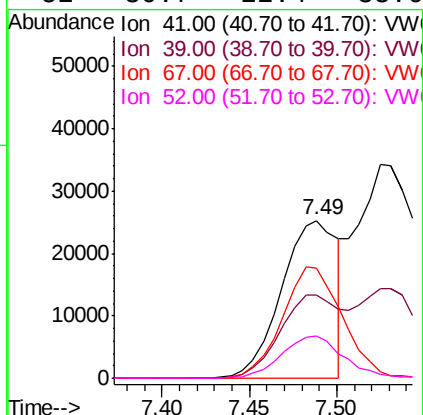
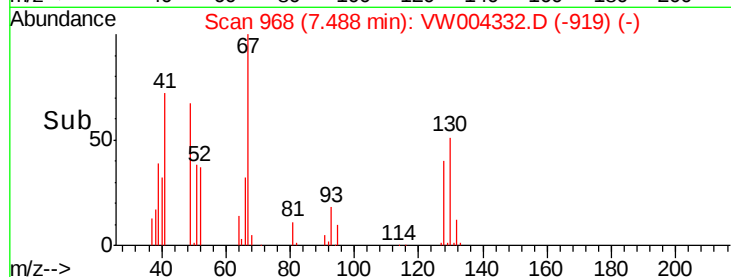
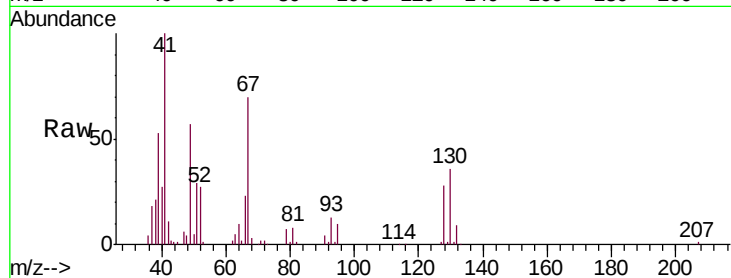
#41
Methacrylonitrile
Concen: 50.17 ug/l
RT: 7.49 min Scan# 968
Delta R.T. 0.00 min
Lab File: VW004332.D
Acq: 30 Jul 2018 00:42

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	41	Resp	56160
Ion Ratio	Lower	Upper	
41	100		
39	60.5	41.2	61.8
67	76.8	53.4	80.0
52	30.7	22.4	33.6

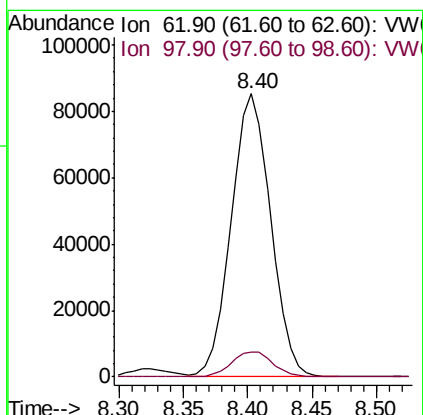
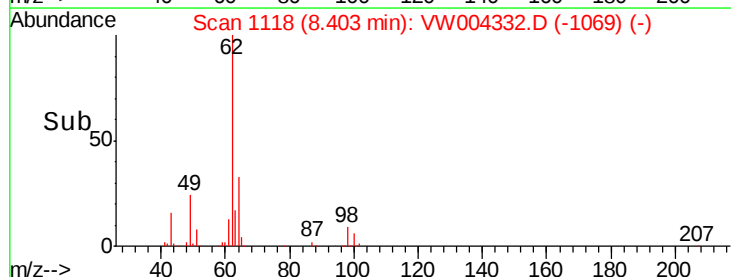
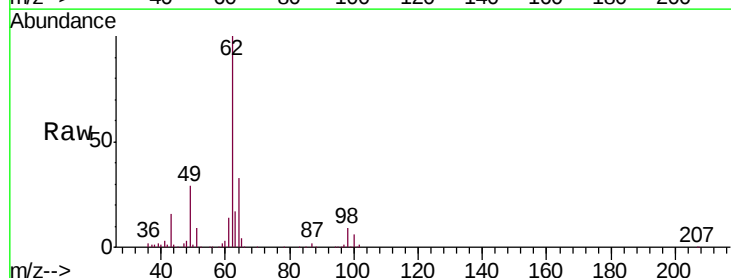
Manual Integrations
APPROVED

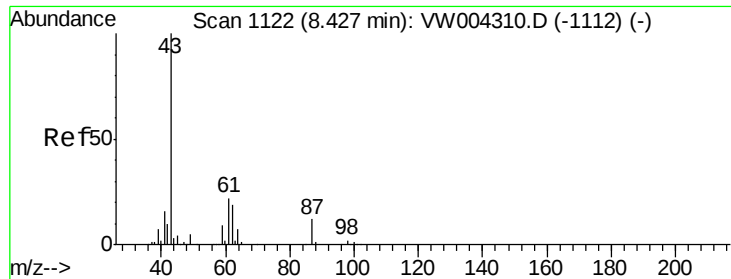
apatel
7/30/2018 10:33:50 AM



#42
1,2-Dichloroethane
Concen: 54.14 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. -0.00 min
Lab File: VW004332.D
Acq: 30 Jul 2018 00:42

Tgt Ion	62	Resp	181358
Ion Ratio	Lower	Upper	
62	100		
98	9.3	0.0	18.4





#43

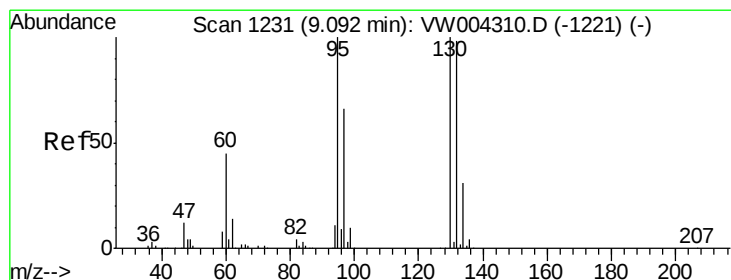
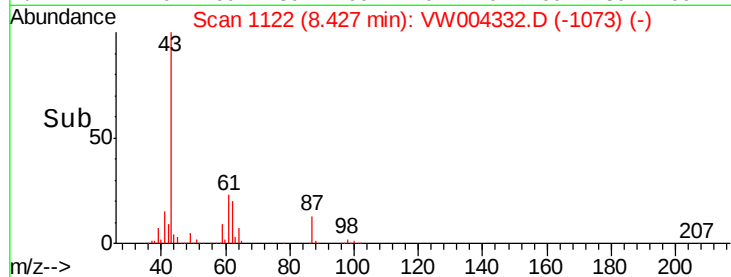
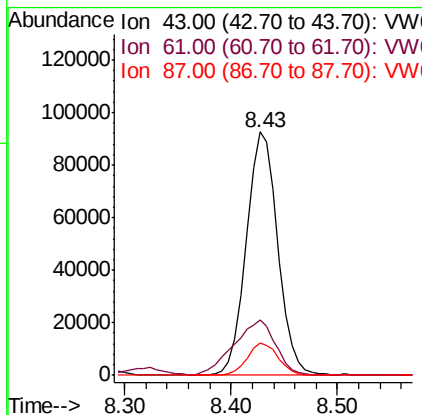
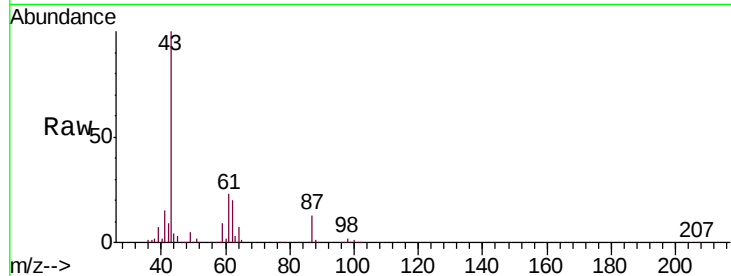
Isopropyl Acetate
 Concen: 62.41 ug/l
 RT: 8.43 min Scan# 1122
 Delta R.T. -0.00 min
 Lab File: VW004332.D
 Acq: 30 Jul 2018 00:42

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	30.1	24.5	36.7
87	13.0	10.4	15.6

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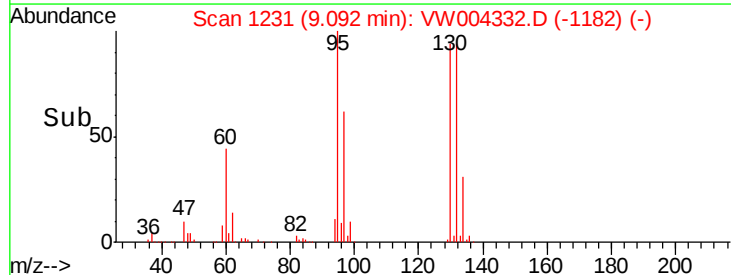
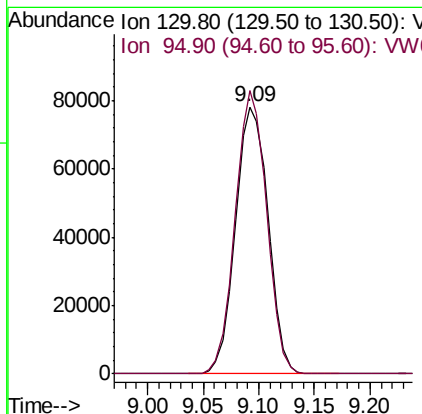
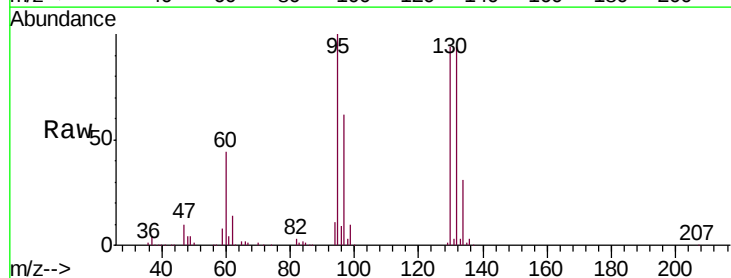
apatel
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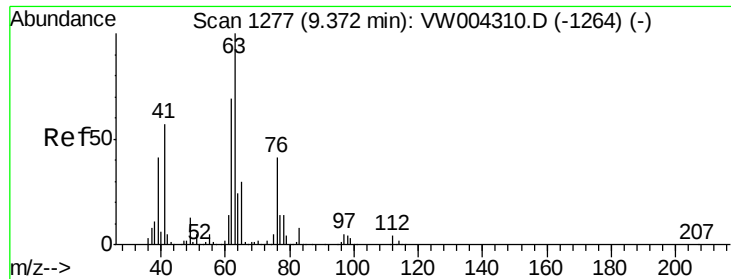


#44

Trichloroethene
 Concen: 50.37 ug/l
 RT: 9.09 min Scan# 1231
 Delta R.T. -0.00 min
 Lab File: VW004332.D
 Acq: 30 Jul 2018 00:42

Tgt Ion	Ratio	Lower	Upper
130	100		
95	106.0	0.0	199.4





#45

1,2-Dichloropropane

Concen: 54.75 ug/l

RT: 9.37 min Scan# 1277

Delta R.T. -0.00 min

Lab File: VW004332.D

Acq: 30 Jul 2018 00:42

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 159194

Ion Ratio Lower Upper

63 100

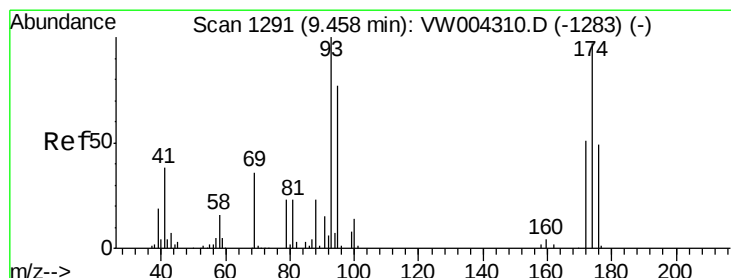
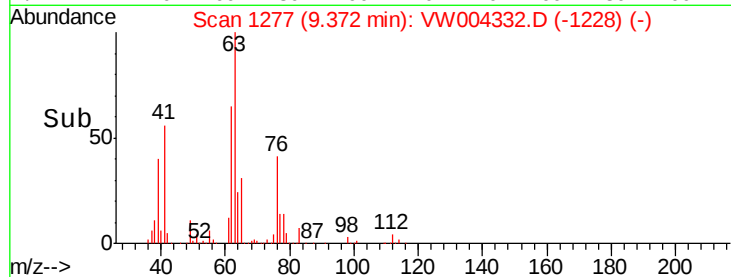
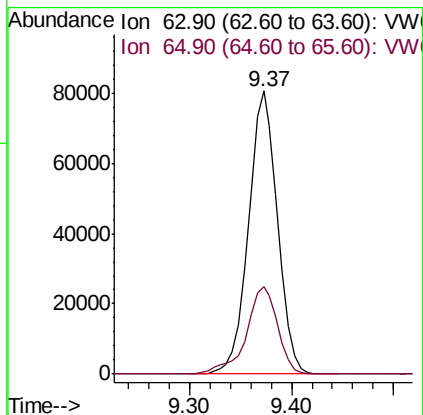
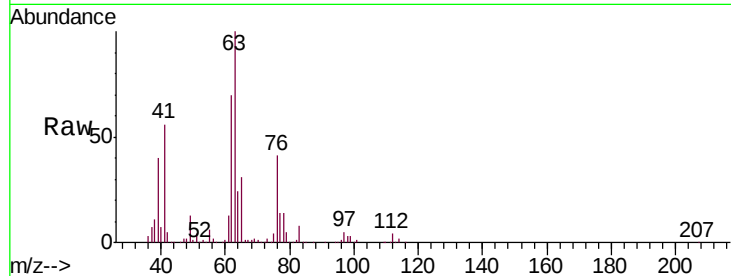
65 31.1 23.9 35.9

Manual Integrations

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#46

Dibromomethane

Concen: 54.78 ug/l

RT: 9.46 min Scan# 1291

Delta R.T. -0.00 min

Lab File: VW004332.D

Acq: 30 Jul 2018 00:42

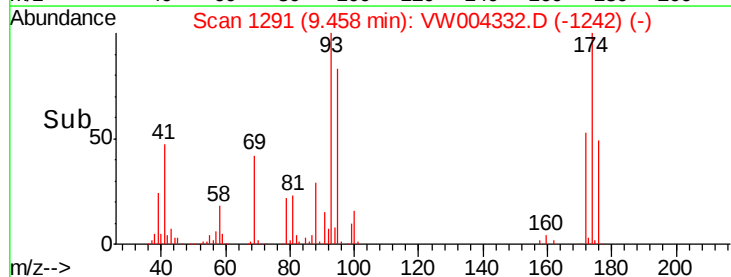
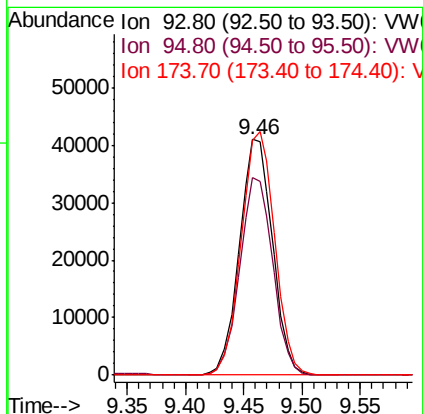
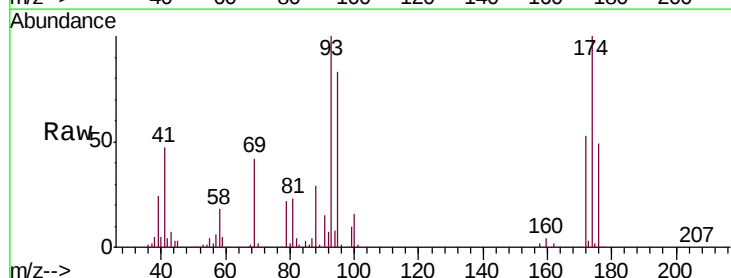
Tgt Ion: 93 Resp: 81341

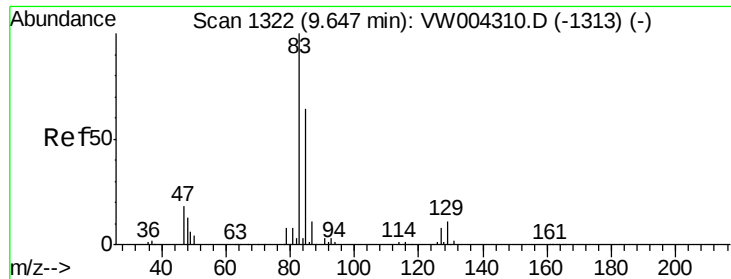
Ion Ratio Lower Upper

93 100

95 83.5 65.8 98.8

174 104.4 83.7 125.5





#47

Bromodichloromethane

Concen: 53.37 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VW004332.D

Acq: 30 Jul 2018 00:42

Instrument :

MSVOA_W

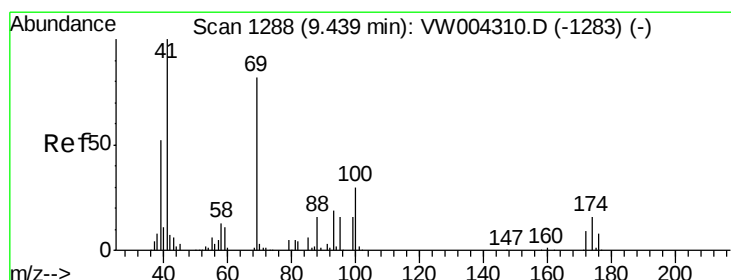
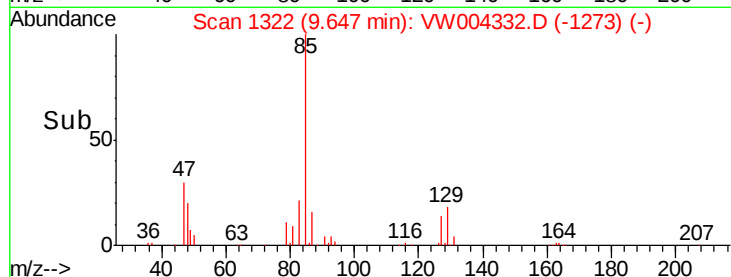
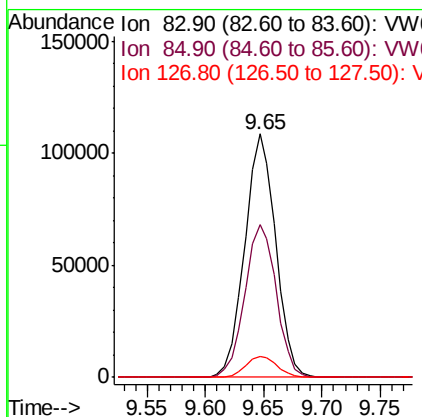
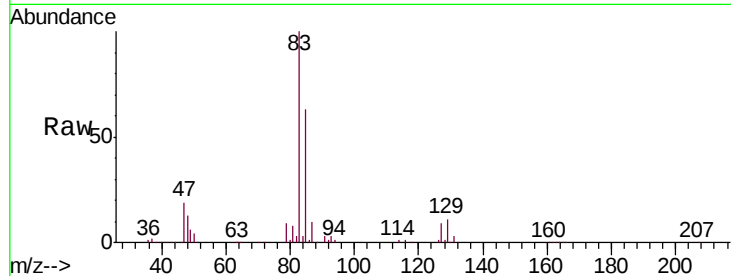
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	201000
Ion	Ratio	Lower	Upper
83	100		
85	62.8	51.3	76.9
127	8.8	6.6	9.8

Manual Integrations
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#48

Methyl methacrylate

Concen: 60.00 ug/l

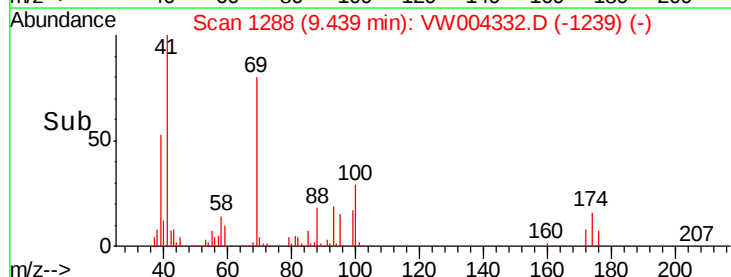
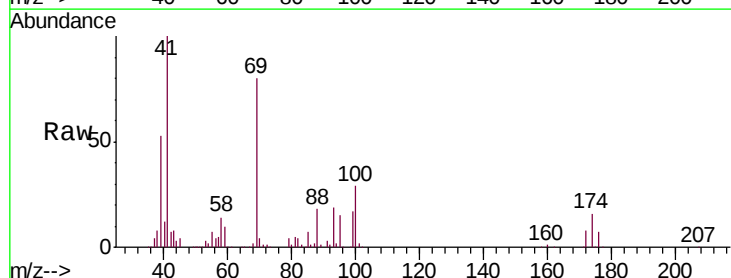
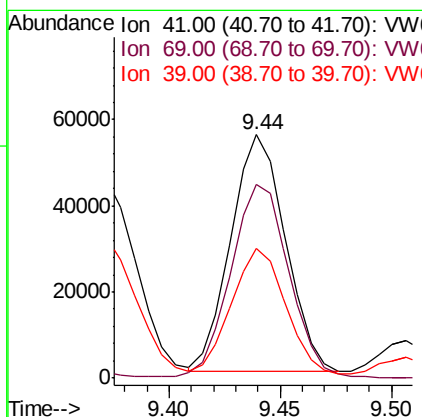
RT: 9.44 min Scan# 1288

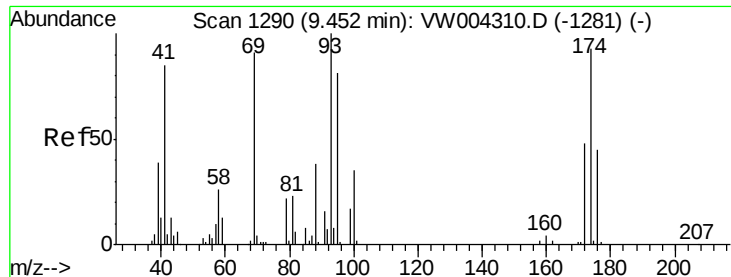
Delta R.T. -0.00 min

Lab File: VW004332.D

Acq: 30 Jul 2018 00:42

Tgt Ion:	41	Resp:	94001
Ion	Ratio	Lower	Upper
41	100		
69	87.5	69.7	104.5
39	56.3	41.8	62.8





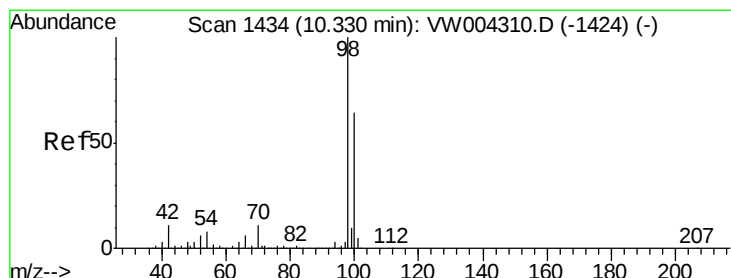
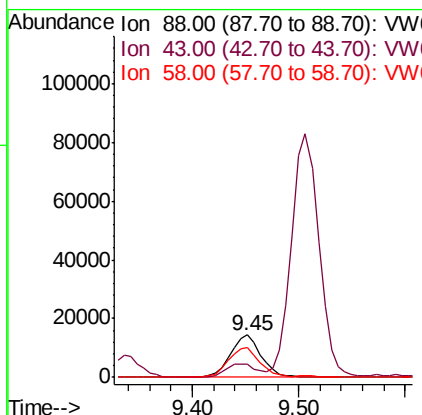
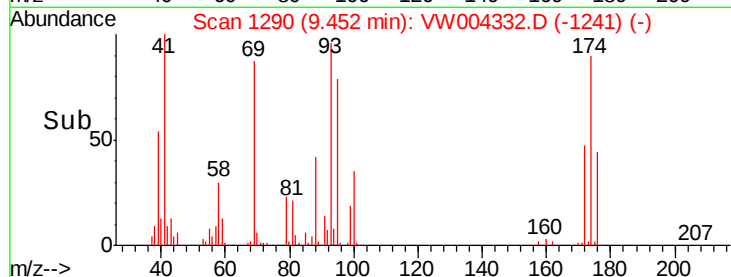
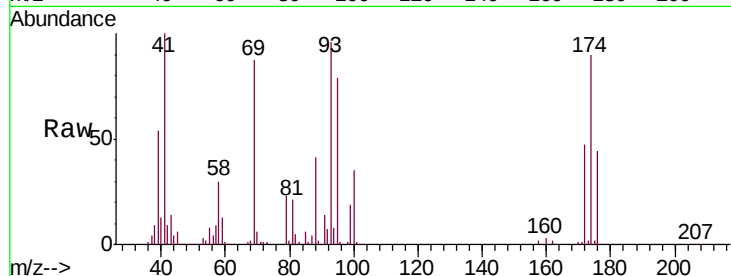
#49
1,4-Dioxane
Concen: 1292.63 ug/l
RT: 9.45 min Scan# 1290
Delta R.T. -0.00 min
Lab File: VW004332.D
Acq: 30 Jul 2018 00:42

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.7	28.3	42.5
58	72.1	60.2	90.4

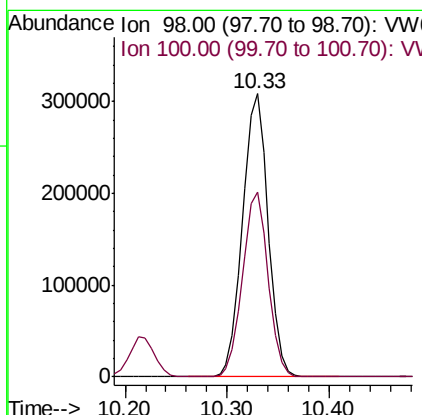
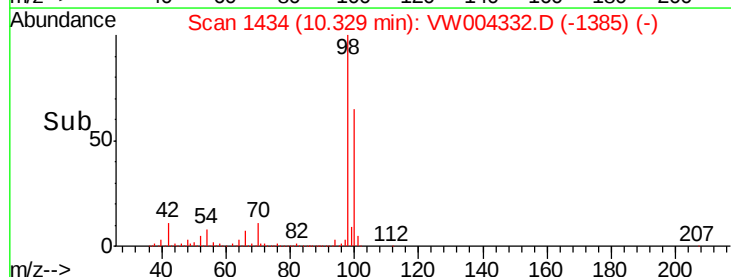
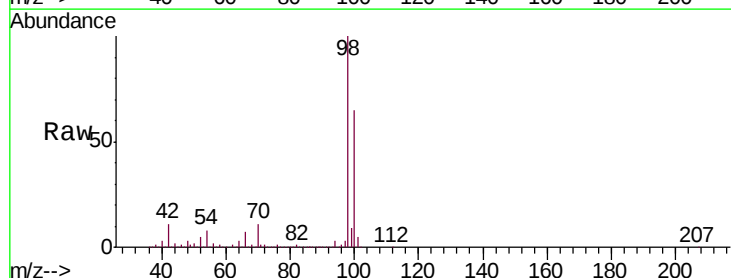
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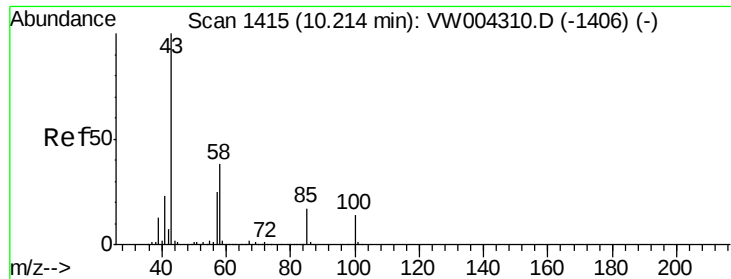
apatel
7/30/2018 10:33:50 AM



#50
Toluene-d8
Concen: 51.53 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VW004332.D
Acq: 30 Jul 2018 00:42

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.1	51.5	77.3





#51

4-Methyl-2-Pentanone

Concen: 306.07 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. -0.00 min

Lab File: VW004332.D

Acq: 30 Jul 2018 00:42

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 516752

Ion Ratio Lower Upper

43 100

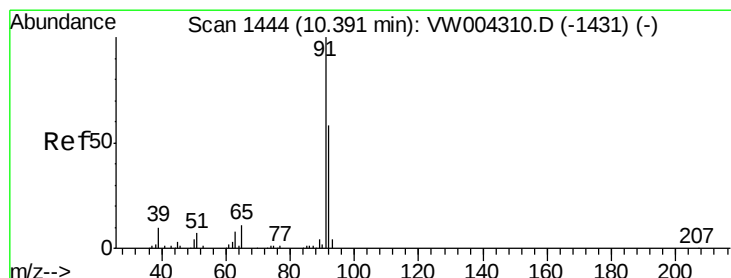
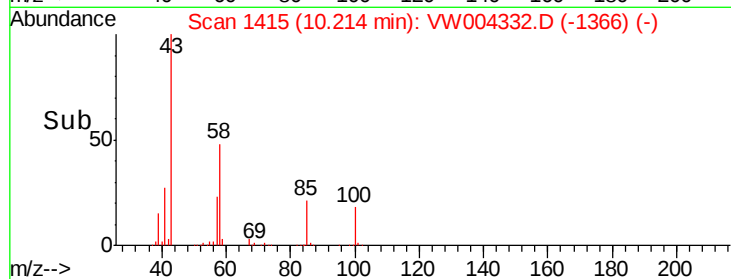
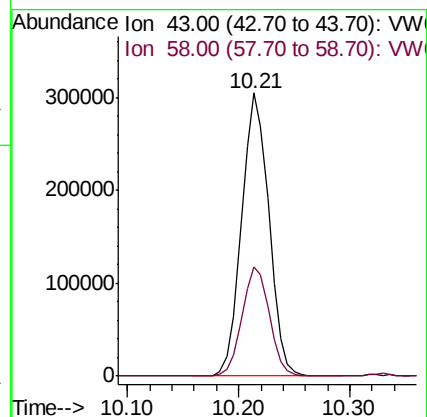
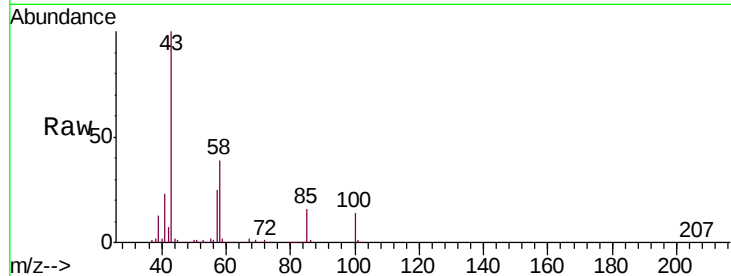
58 38.7 30.6 45.8

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#52

Toluene

Concen: 53.20 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. -0.00 min

Lab File: VW004332.D

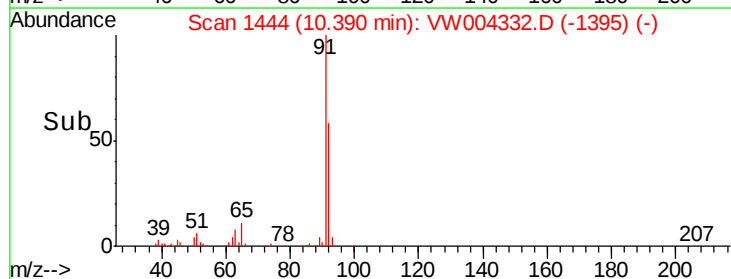
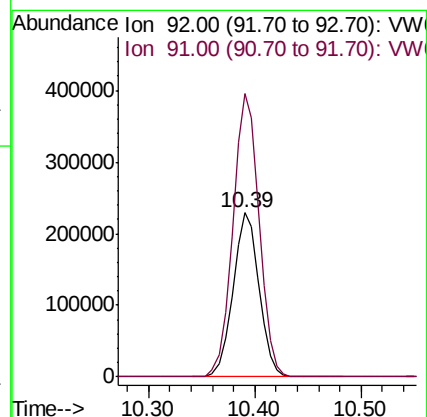
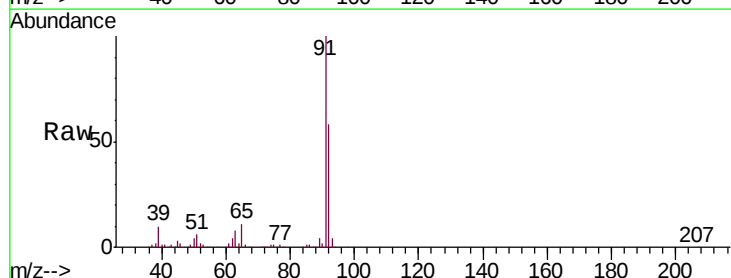
Acq: 30 Jul 2018 00:42

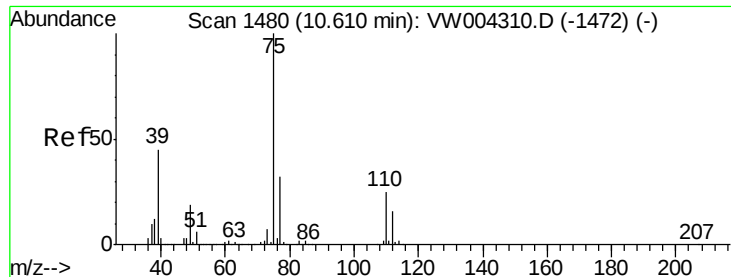
Tgt Ion: 92 Resp: 391425

Ion Ratio Lower Upper

92 100

91 173.7 139.0 208.4





#53

t-1,3-Dichloropropene

Concen: 53.97 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW004332.D

Acq: 30 Jul 2018 00:42

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 203585

Ion Ratio Lower Upper

75 100

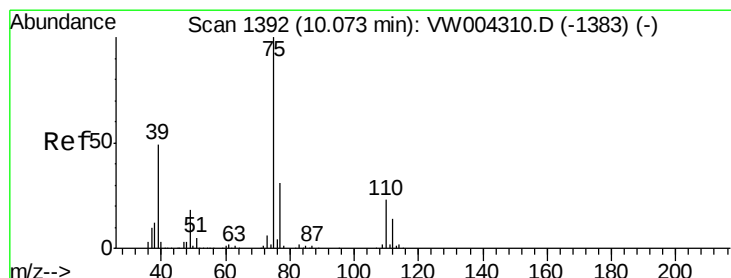
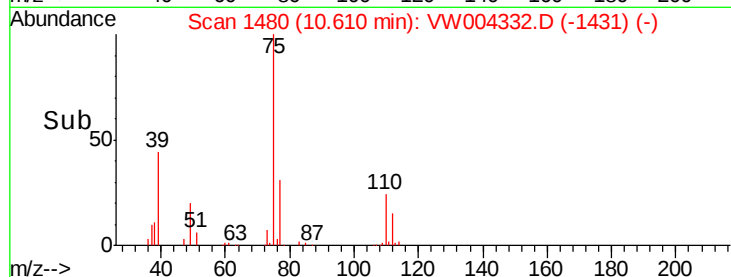
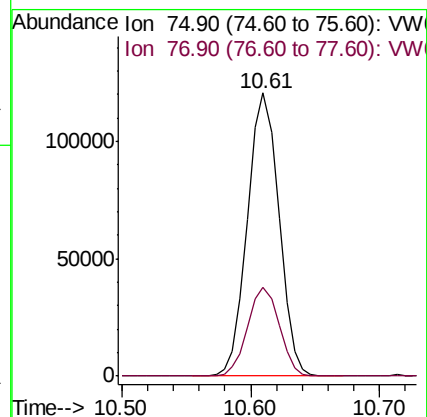
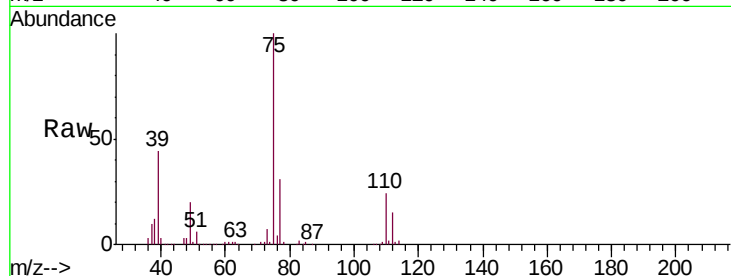
77 31.2 25.8 38.6

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#54

cis-1,3-Dichloropropene

Concen: 52.79 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. 0.01 min

Lab File: VW004332.D

Acq: 30 Jul 2018 00:42

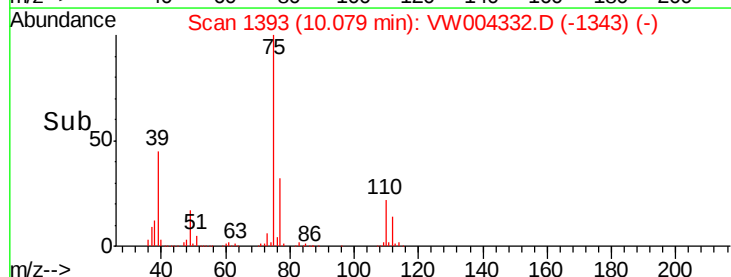
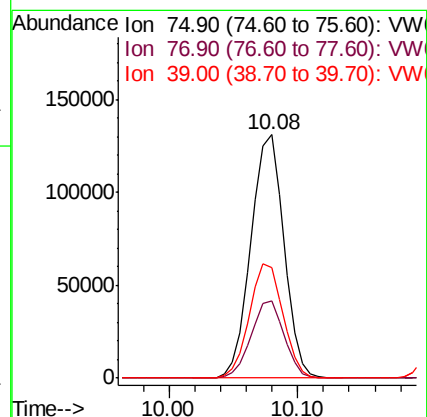
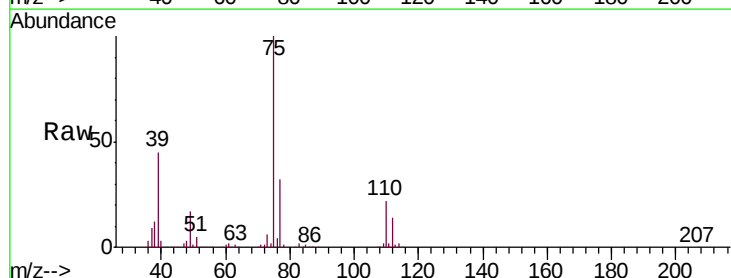
Tgt Ion: 75 Resp: 232148

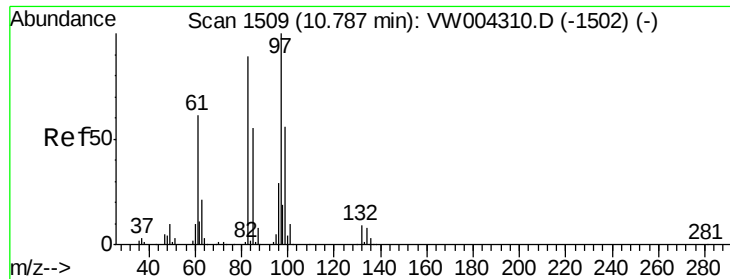
Ion Ratio Lower Upper

75 100

77 31.6 25.0 37.4

39 45.4 39.0 58.6





#55

1,1,2-Trichloroethane

Concen: 54.79 ug/l

RT: 10.79 min Scan# 1510

Delta R.T. 0.01 min

Lab File: VW004332.D

Acq: 30 Jul 2018 00:42

Instrument :

MSVOA_W

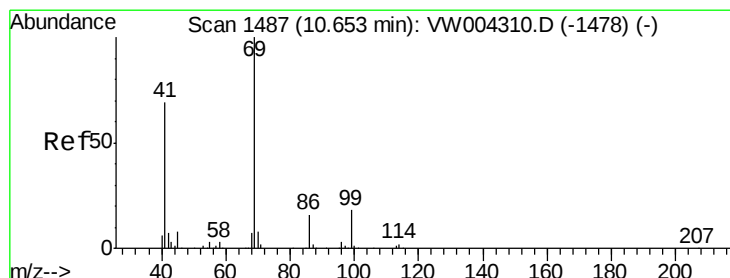
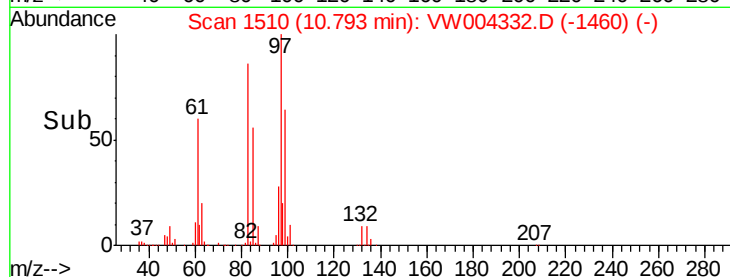
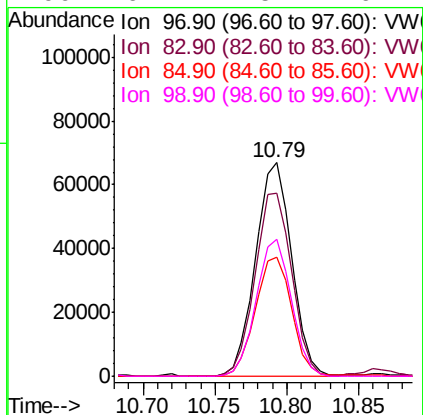
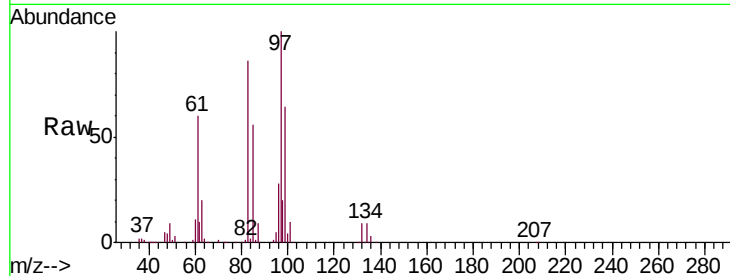
ClientSampleId :

VSTDCCC050

Tot Ion:	97	Resp:	115914
Ion	Ratio	Lower	Upper
97	100		
83	85.8	70.8	106.2
85	56.0	43.7	65.5
99	64.1	45.1	67.7

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#56

Ethyl methacrylate

Concen: 60.72 ug/l

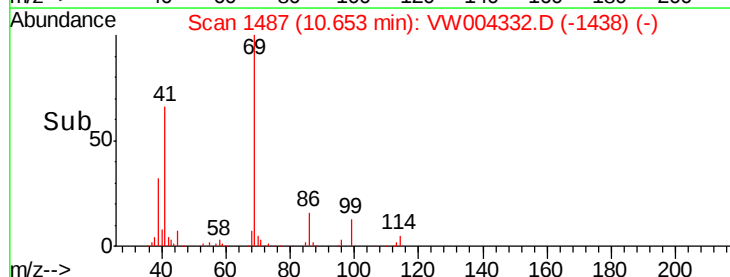
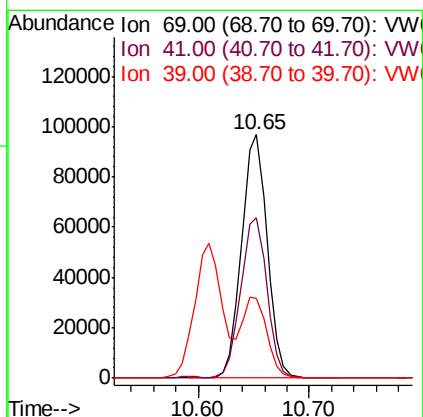
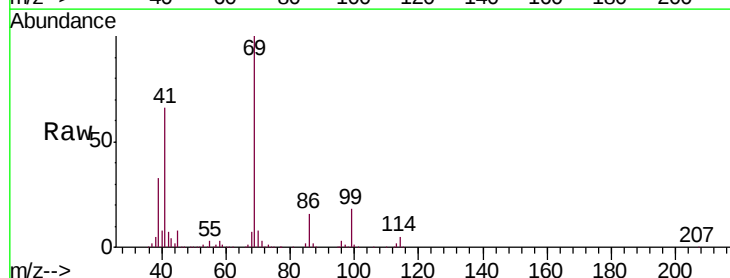
RT: 10.65 min Scan# 1487

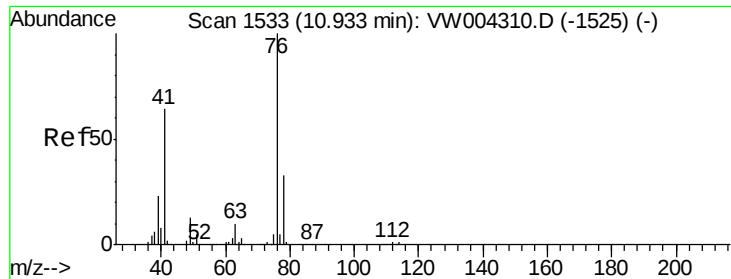
Delta R.T. -0.00 min

Lab File: VW004332.D

Acq: 30 Jul 2018 00:42

Tgt Ion:	69	Resp:	155438
Ion	Ratio	Lower	Upper
69	100		
41	66.8	54.7	82.1
39	30.6	24.4	36.6





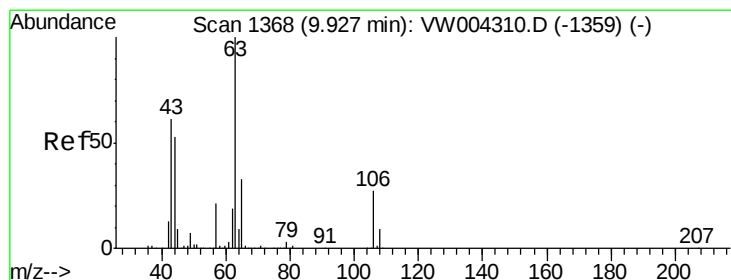
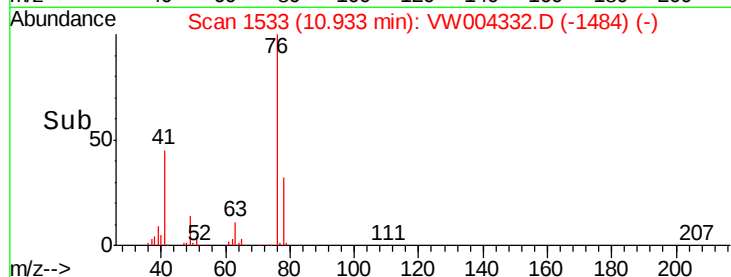
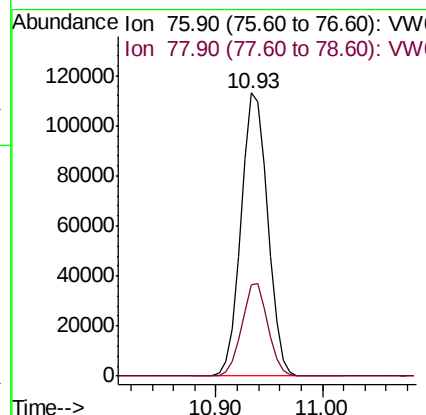
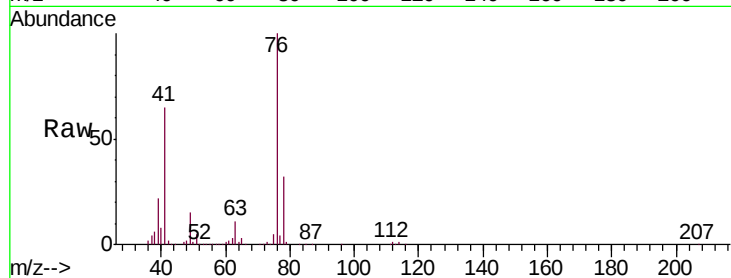
#57
 1,3-Dichloropropane
 Concen: 55.40 ug/l
 RT: 10.93 min Scan# 1533
 Delta R.T. -0.00 min
 Lab File: VW004332.D
 Acq: 30 Jul 2018 00:42

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 199672
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.6 38.4

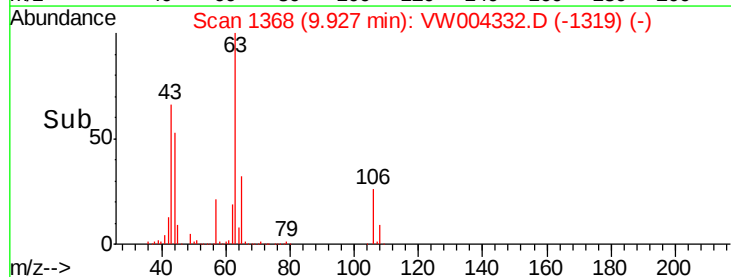
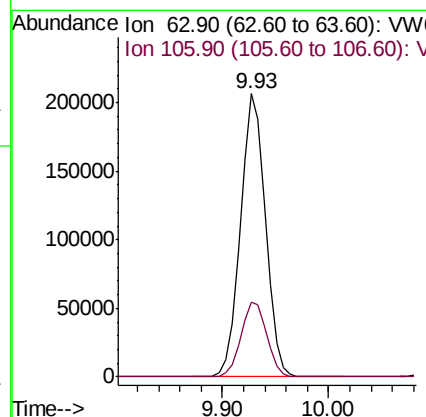
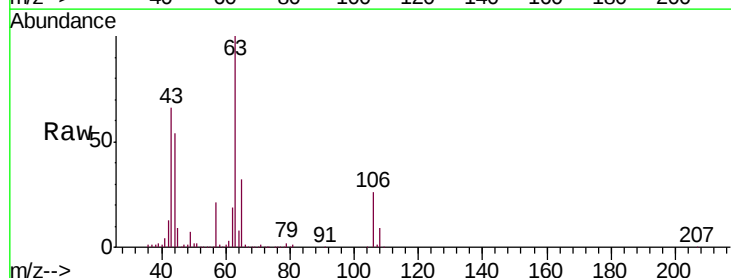
Manual Integrations
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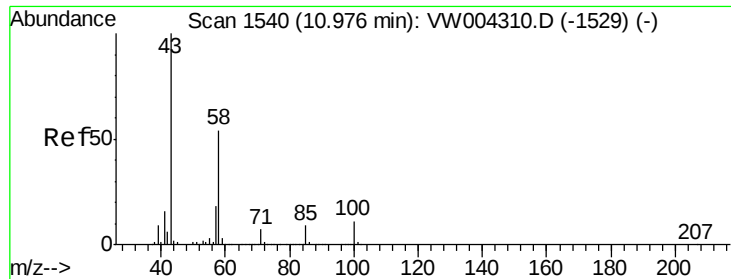
apatel
 7/30/2018 10:33:50 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 298.96 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. -0.00 min
 Lab File: VW004332.D
 Acq: 30 Jul 2018 00:42

Tgt Ion: 63 Resp: 339982
 Ion Ratio Lower Upper
 63 100
 106 27.2 21.9 32.9





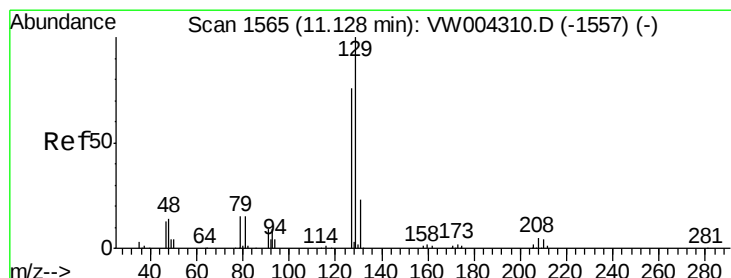
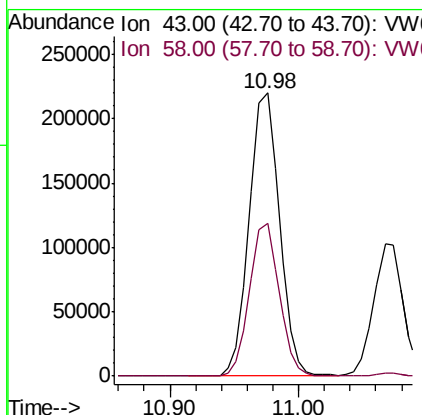
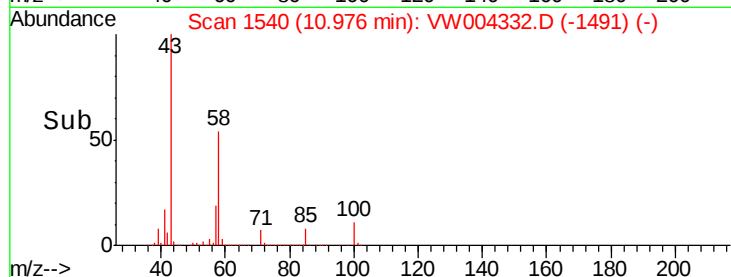
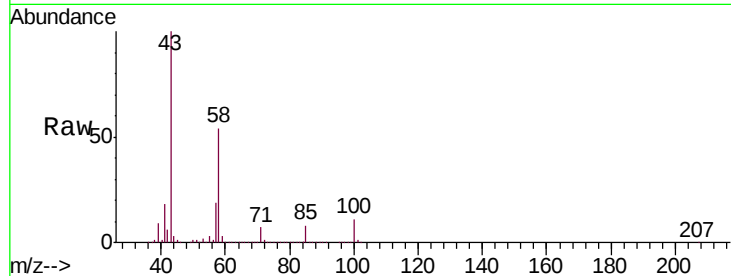
#59
2-Hexanone
Concen: 308.48 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW004332.D
Acq: 30 Jul 2018 00:42

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 357612
Ion Ratio Lower Upper
43 100
58 53.1 26.5 79.4

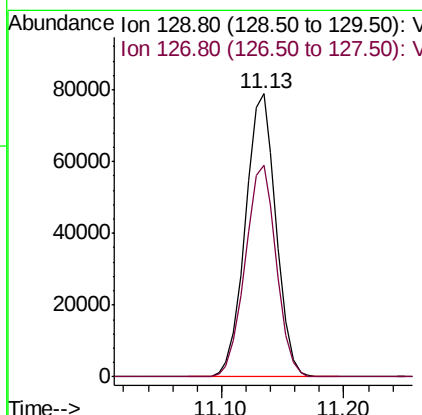
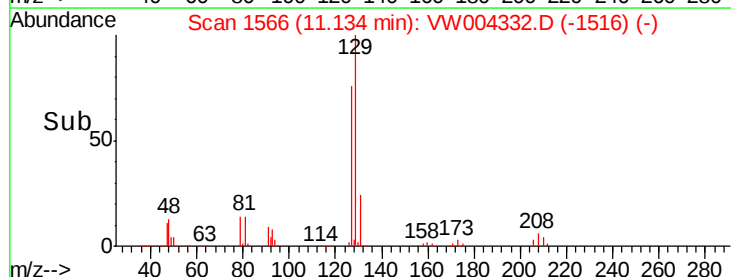
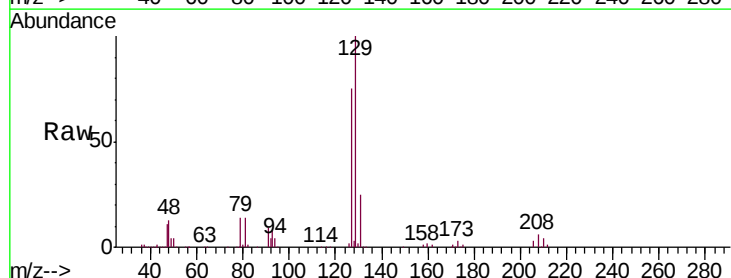
Manual Integrations
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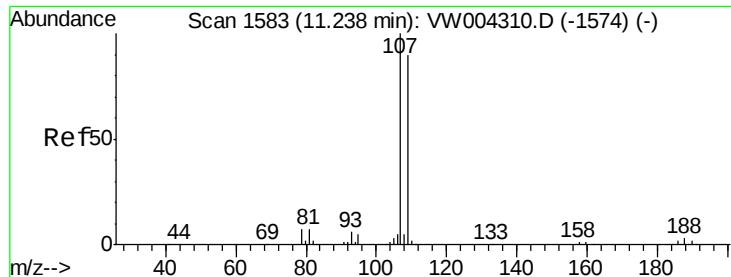
apatel
7/30/2018 10:33:50 AM



#60
Dibromochloromethane
Concen: 54.18 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VW004332.D
Acq: 30 Jul 2018 00:42

Tgt Ion: 129 Resp: 137148
Ion Ratio Lower Upper
129 100
127 75.9 38.9 116.7





#61

1,2-Dibromoethane

Concen: 54.10 ug/l

RT: 11.24 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VW004332.D

Acq: 30 Jul 2018 00:42

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 109132

Ion Ratio Lower Upper

107 100

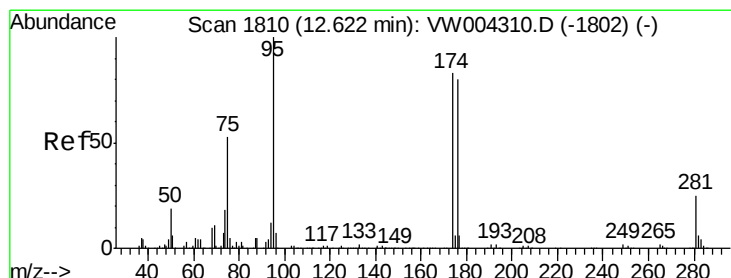
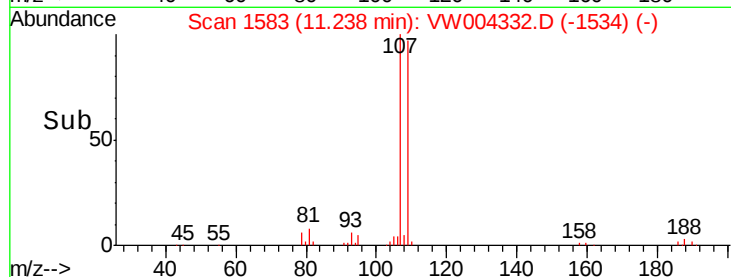
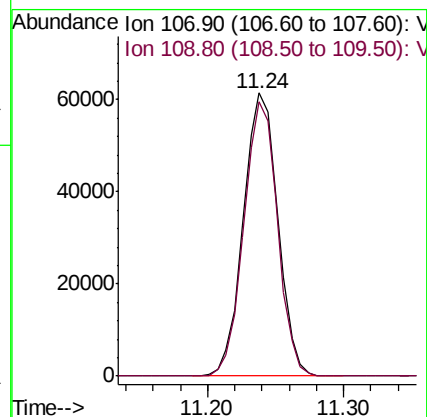
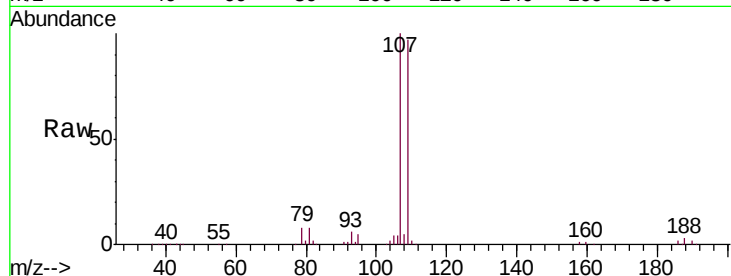
109 94.6 74.6 112.0

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#62

4-Bromofluorobenzene

Concen: 51.71 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW004332.D

Acq: 30 Jul 2018 00:42

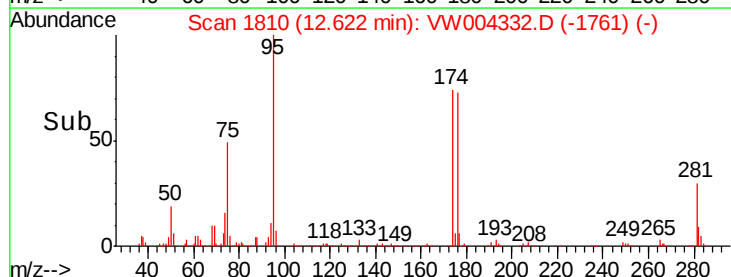
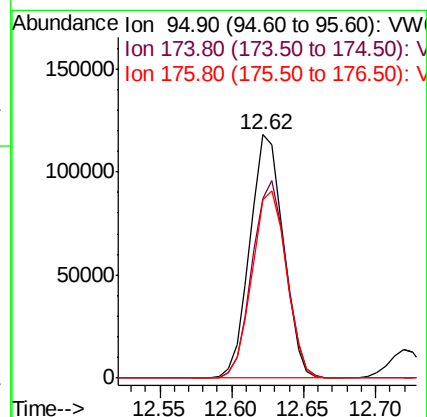
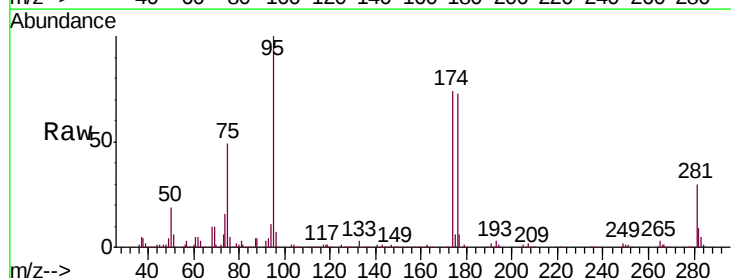
Tgt Ion: 95 Resp: 189333

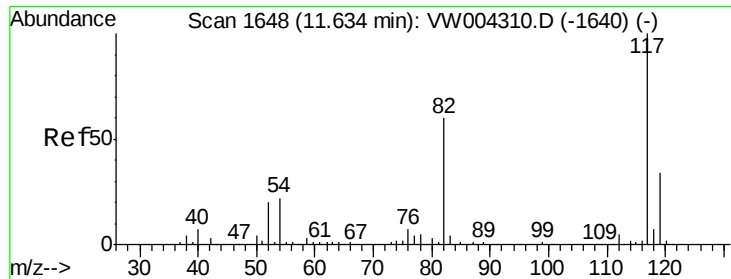
Ion Ratio Lower Upper

95 100

174 82.3 0.0 167.8

176 79.3 0.0 162.4





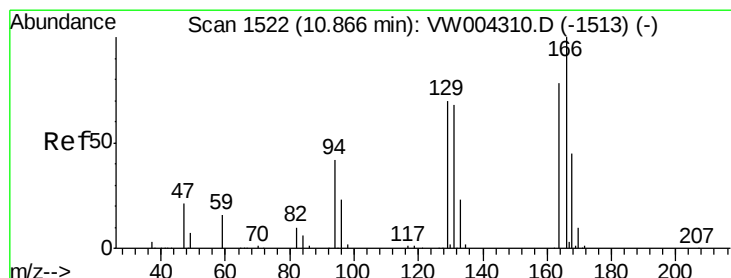
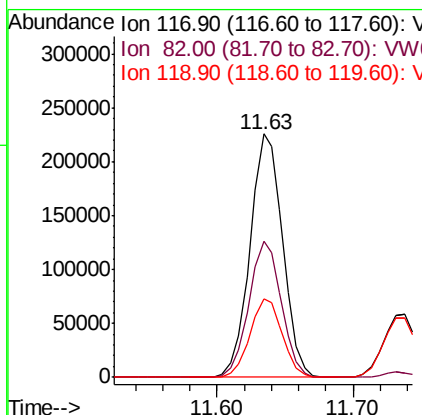
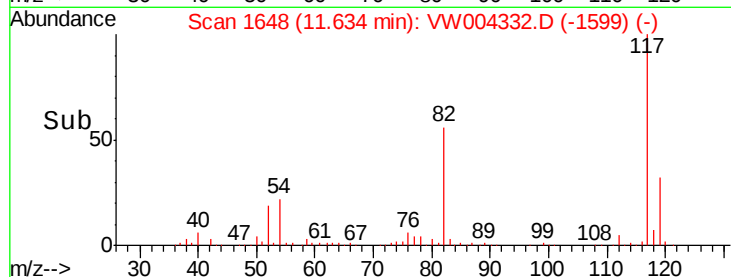
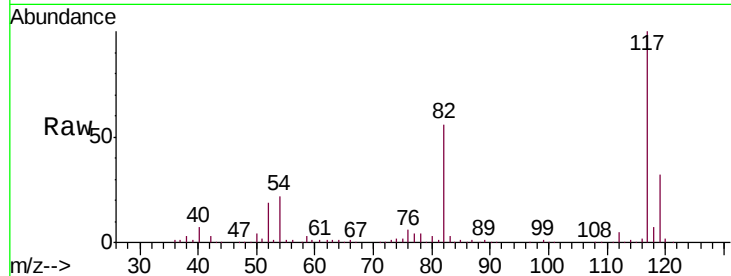
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004332.D
Acq: 30 Jul 2018 00:42

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.0	47.9	71.9
119	32.3	27.1	40.7

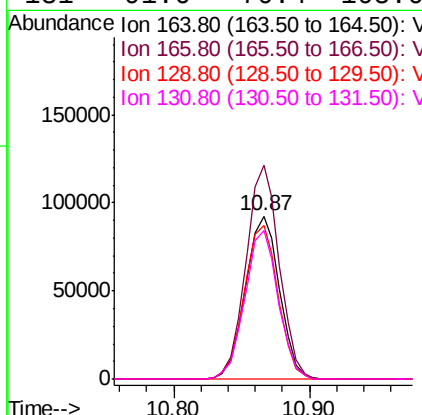
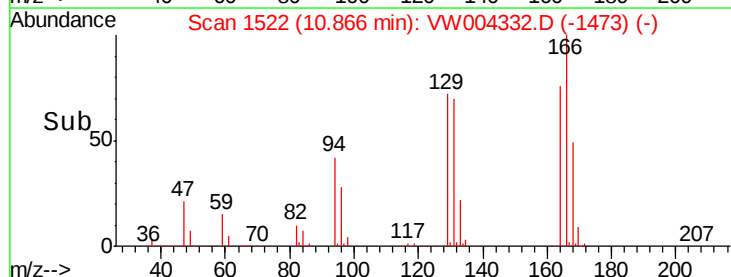
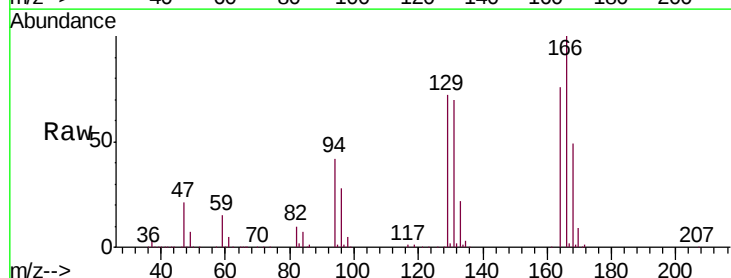
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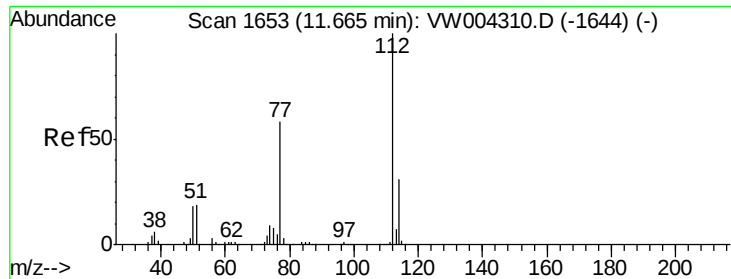
apatel
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#64
Tetrachloroethene
Concen: 58.15 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW004332.D
Acq: 30 Jul 2018 00:42

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.3	103.2	154.8
129	94.8	72.1	108.1
131	91.6	70.4	105.6





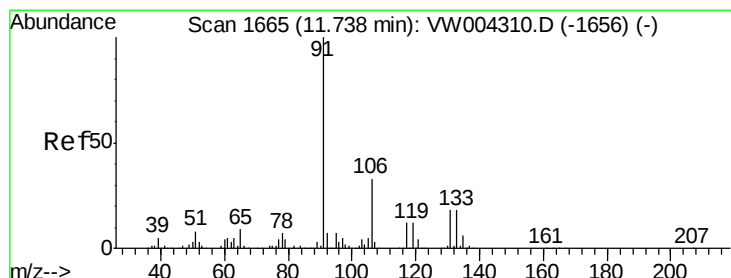
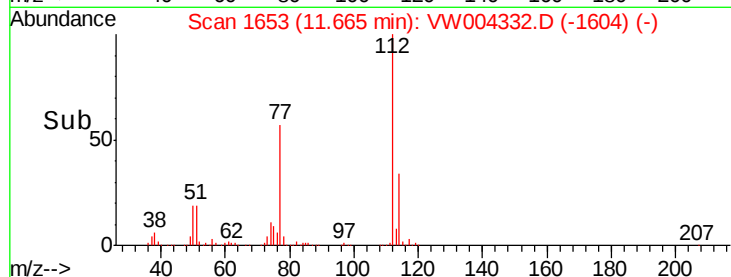
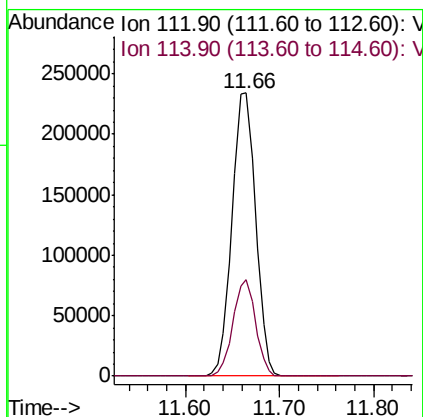
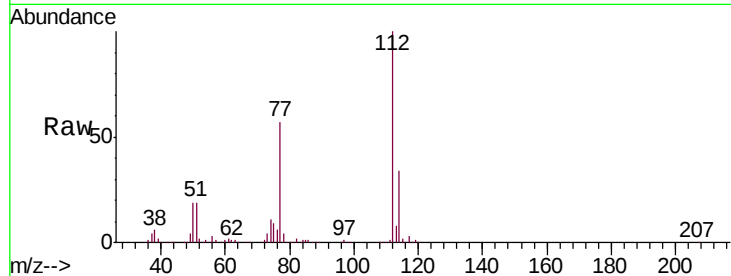
#65
Chlorobenzene
Concen: 51.58 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VW004332.D
Acq: 30 Jul 2018 00:42

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 410063
Ion Ratio Lower Upper
112 100
114 34.2 24.7 37.1

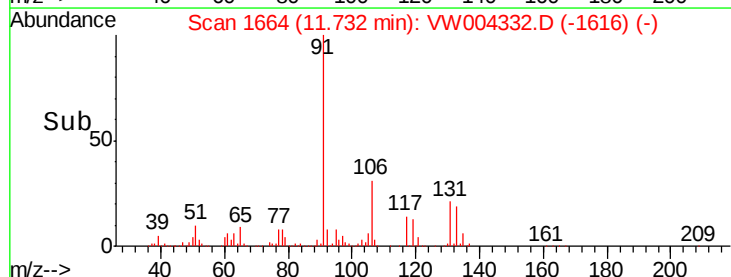
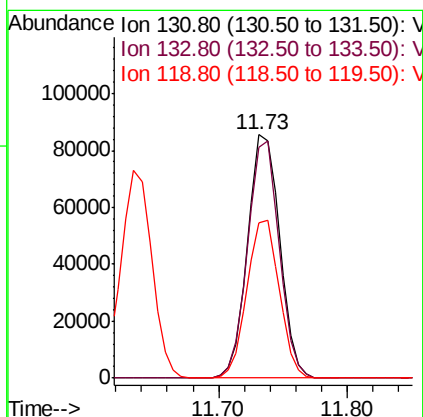
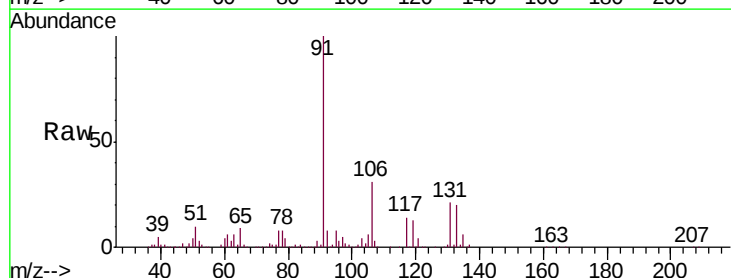
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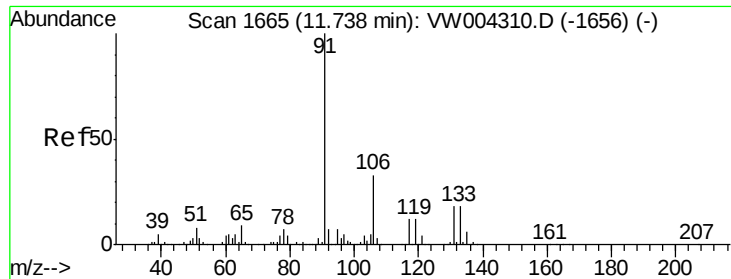
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.50 ug/l
RT: 11.73 min Scan# 1664
Delta R.T. -0.01 min
Lab File: VW004332.D
Acq: 30 Jul 2018 00:42

Tgt Ion:131 Resp: 147211
Ion Ratio Lower Upper
131 100
133 95.5 48.6 145.9
119 65.3 33.1 99.5





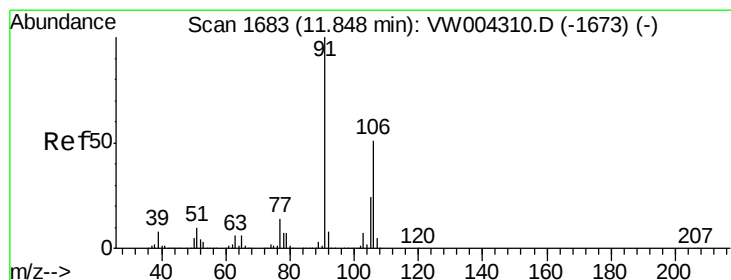
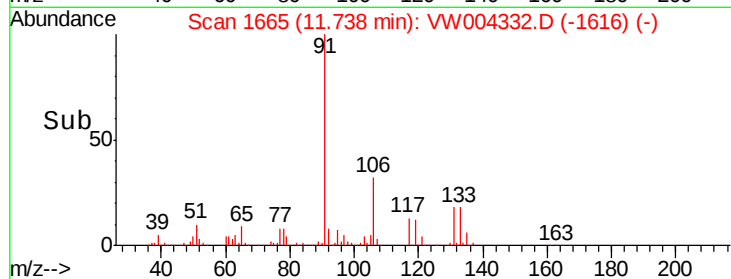
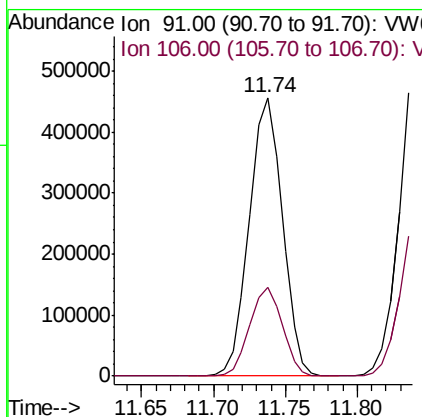
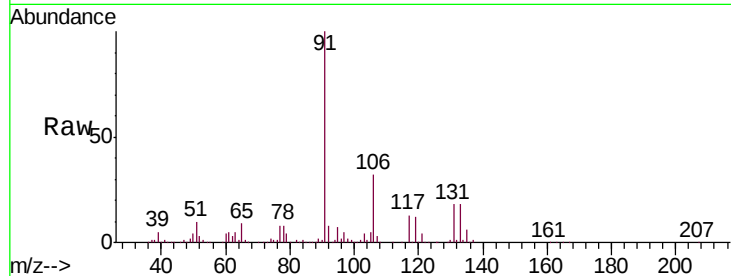
#67
Ethyl Benzene
Concen: 52.58 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW004332.D
Acq: 30 Jul 2018 00:42

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 728637
Ion Ratio Lower Upper
91 100
106 32.1 26.1 39.1

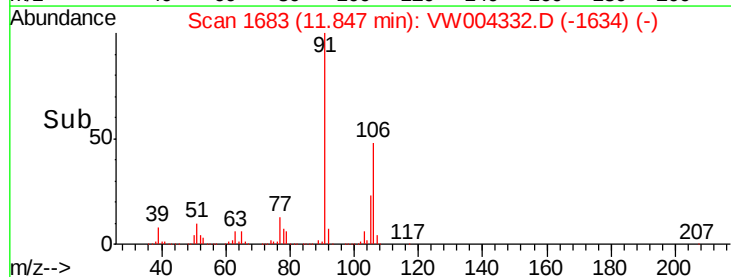
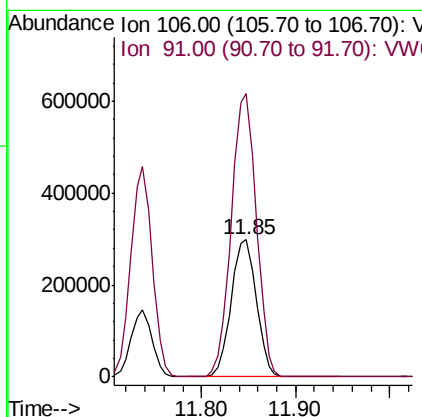
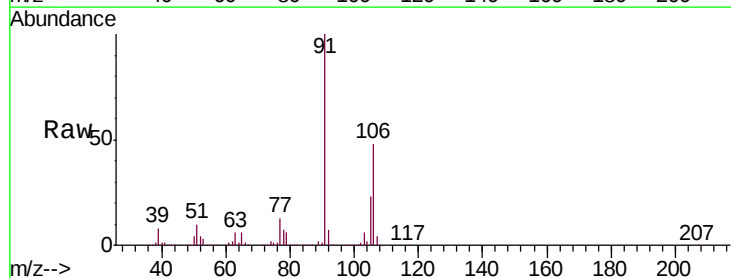
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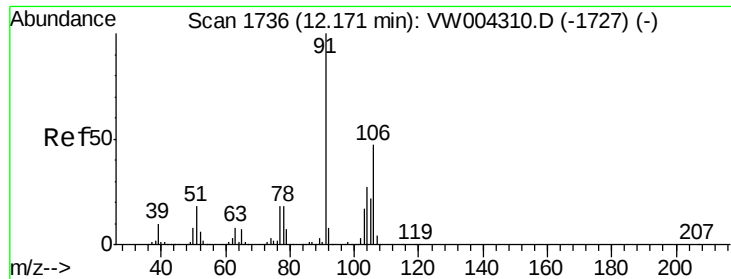
apatel
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#68
m/p-Xylenes
Concen: 104.00 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW004332.D
Acq: 30 Jul 2018 00:42

Tgt Ion: 106 Resp: 554629
Ion Ratio Lower Upper
106 100
91 205.6 162.2 243.2





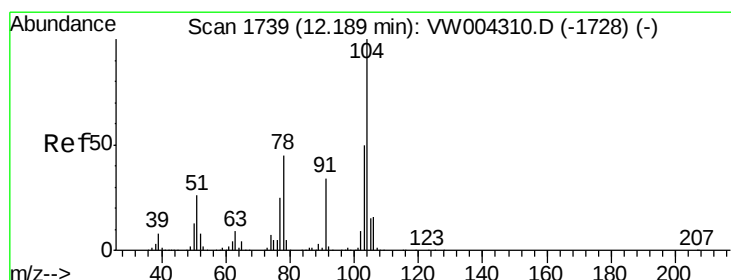
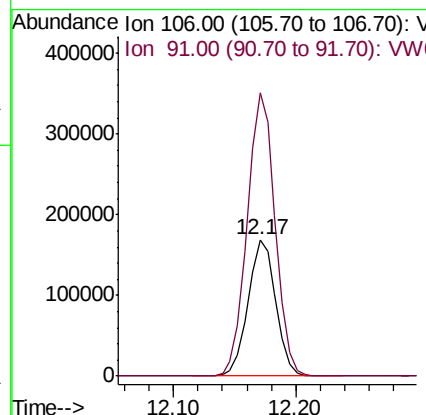
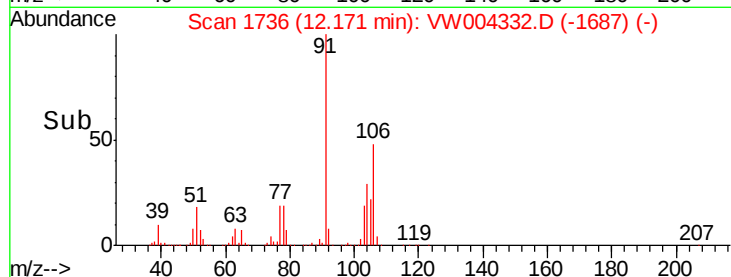
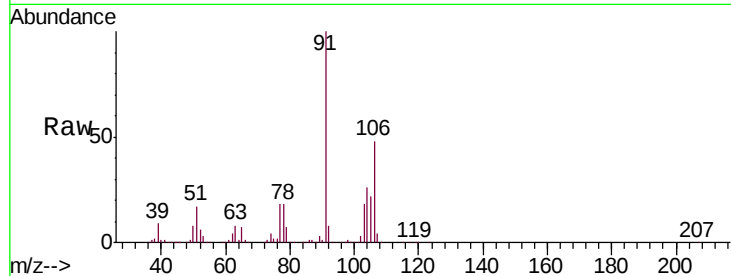
#69
o-Xylene
Concen: 53.86 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW004332.D
Acq: 30 Jul 2018 00:42

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	265369		
91	91	209.6	108.7	326.1	

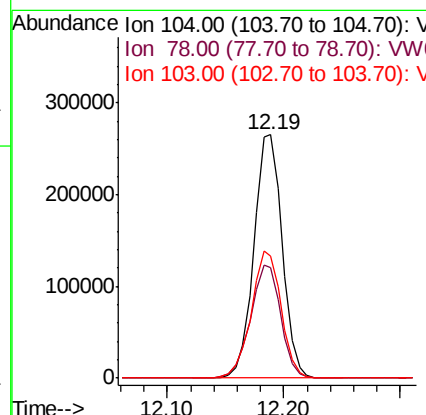
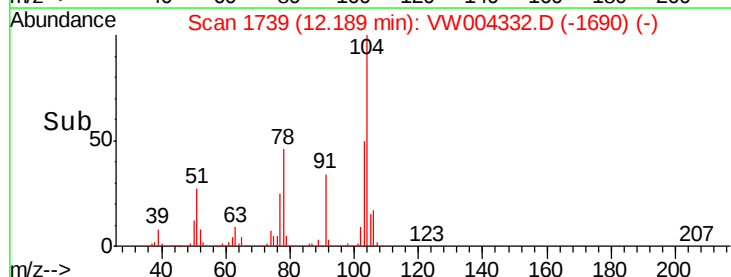
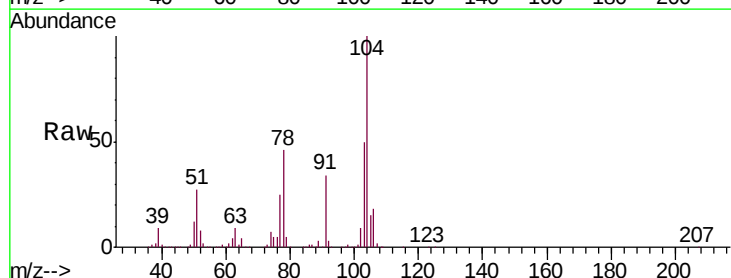
Manual Integrations
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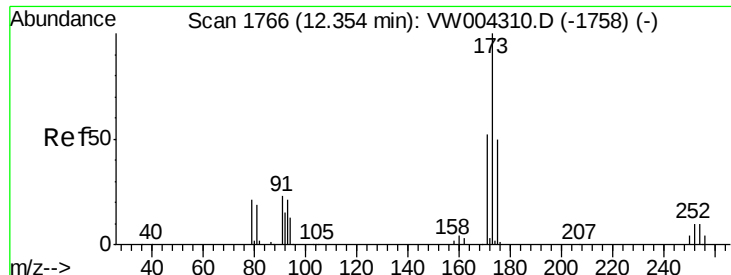
apatel
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#70
Styrene
Concen: 53.76 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. -0.00 min
Lab File: VW004332.D
Acq: 30 Jul 2018 00:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	447524		
78	78	49.8	40.9	61.3	
103	103	55.1	45.0	67.6	





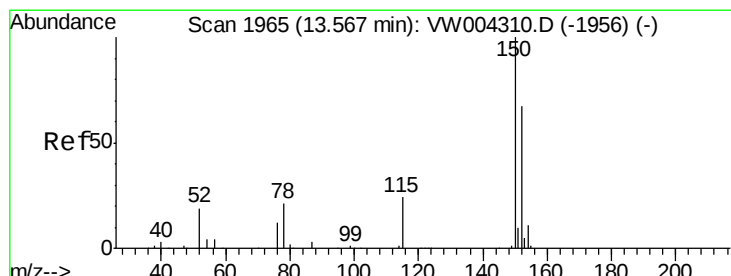
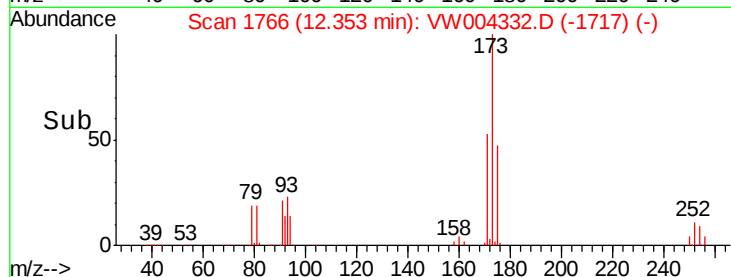
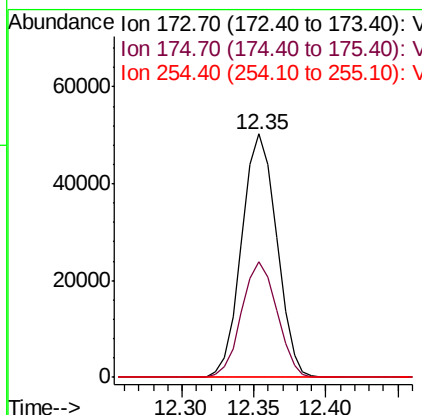
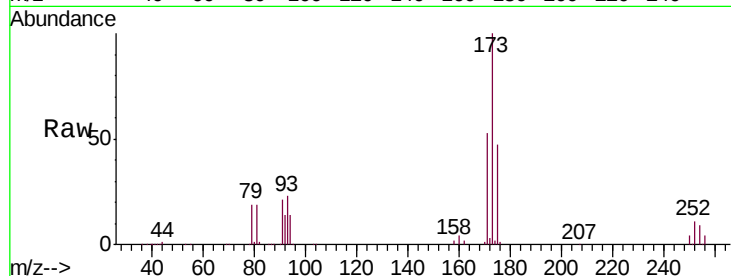
#71
Bromoform
Concen: 53.97 ug/l
RT: 12.35 min Scan# 1766
Delta R.T. -0.00 min
Lab File: VW004332.D
Acq: 30 Jul 2018 00:42

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.1	24.5	73.5
254	0.1	0.2	0.2#

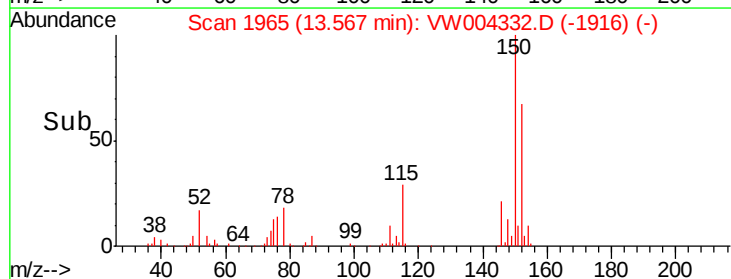
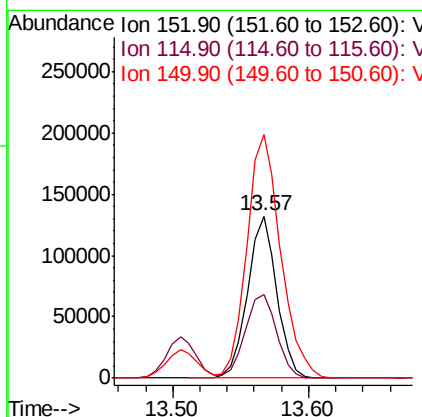
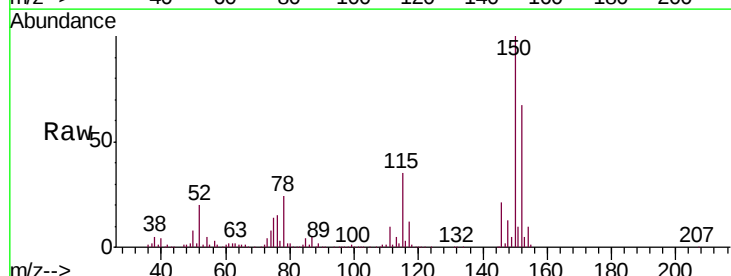
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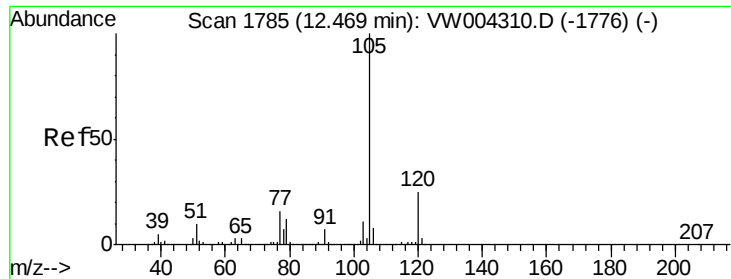
apatel
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW004332.D
Acq: 30 Jul 2018 00:42

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.2	28.8	86.4
150	174.5	0.0	346.4





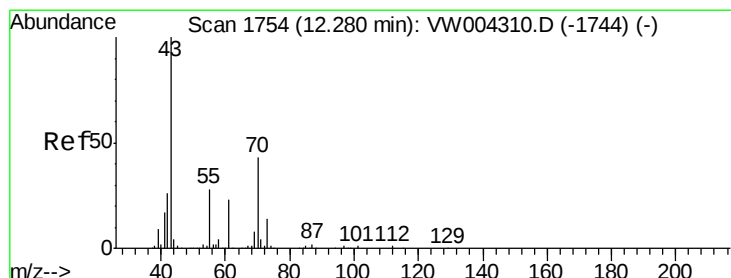
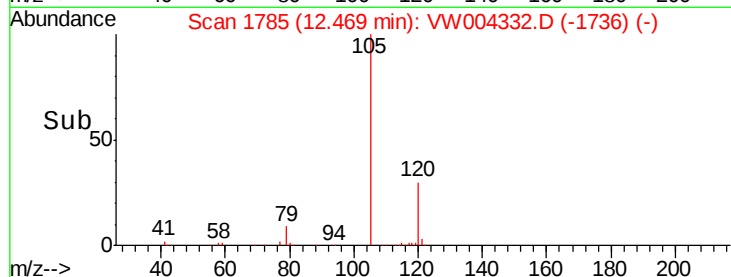
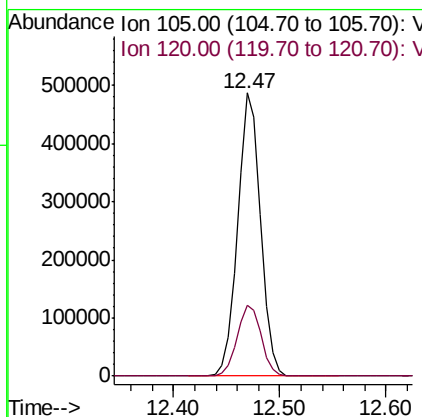
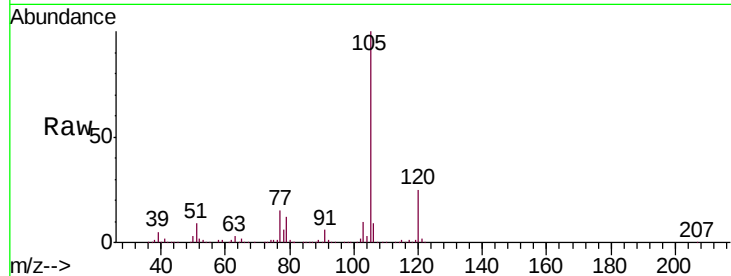
#73
Isopropylbenzene
Concen: 53.24 ug/l
RT: 12.47 min Scan# 1785
Delta R.T. -0.00 min
Lab File: VW004332.D
Acq: 30 Jul 2018 00:42

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.4	13.2	39.6

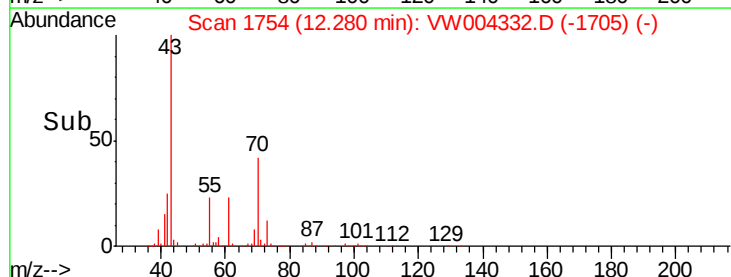
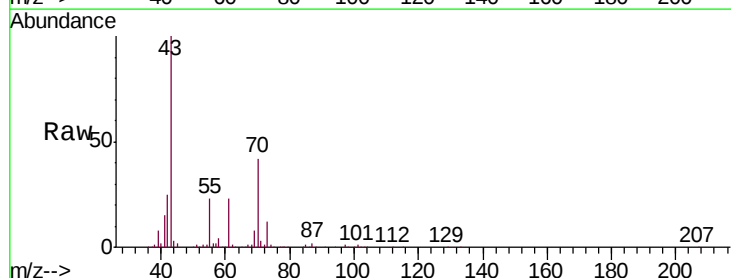
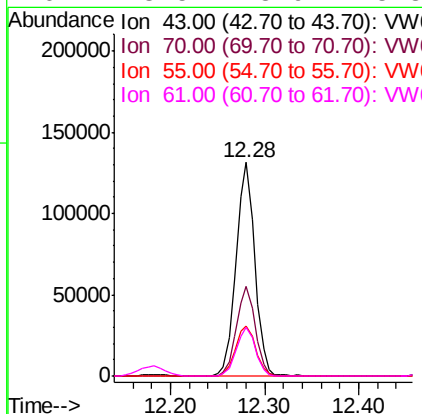
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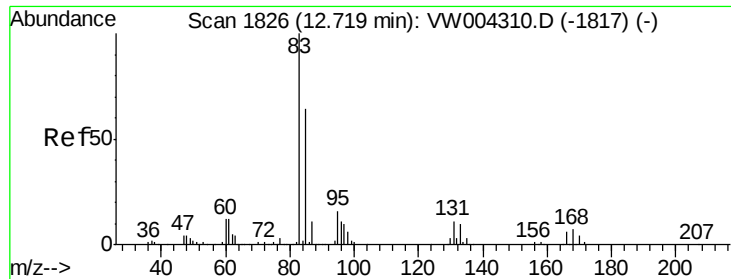
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#74
N-ethyl acetate
Concen: 55.03 ug/l
RT: 12.28 min Scan# 1754
Delta R.T. 0.00 min
Lab File: VW004332.D
Acq: 30 Jul 2018 00:42

Tgt Ion	Ratio	Lower	Upper
43	100		
70	42.4	34.2	51.4
55	25.4	21.8	32.8
61	23.5	18.9	28.3





#75

1,1,2,2-Tetrachloroethane

Concen: 56.96 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VW004332.D

Acq: 30 Jul 2018 00:42

Instrument :

MSVOA_W

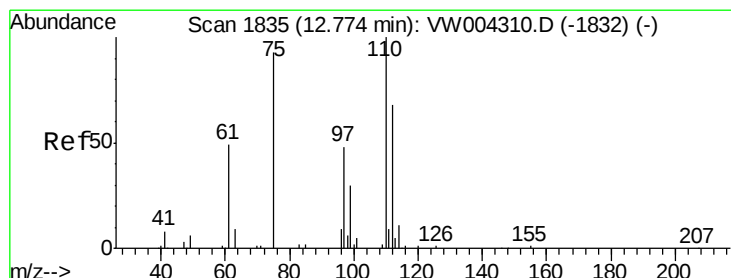
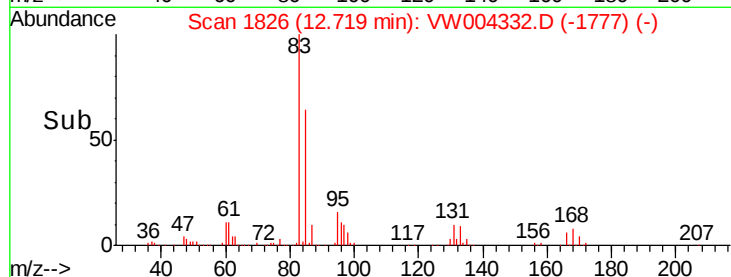
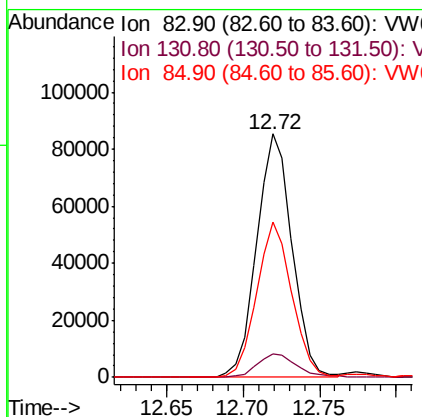
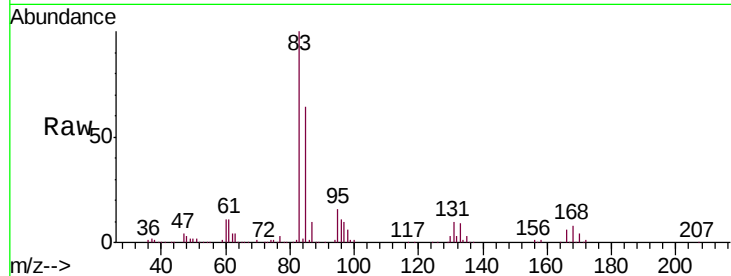
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	137186
Ion Ratio	Lower	Upper	
83	100		
131	10.8	5.5	16.4
85	63.6	31.9	95.9

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#76

1,2,3-Trichloropropane

Concen: 61.07 ug/l m

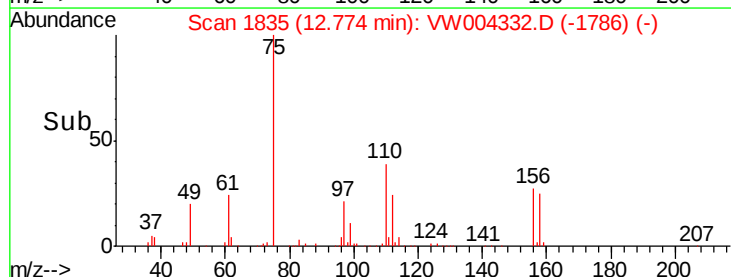
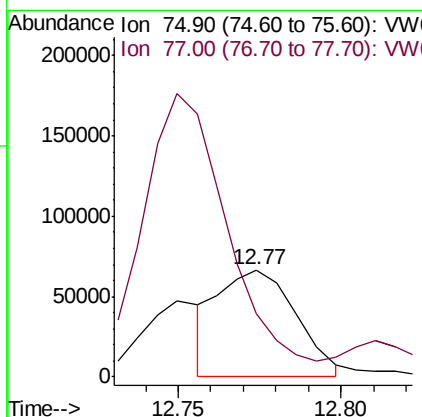
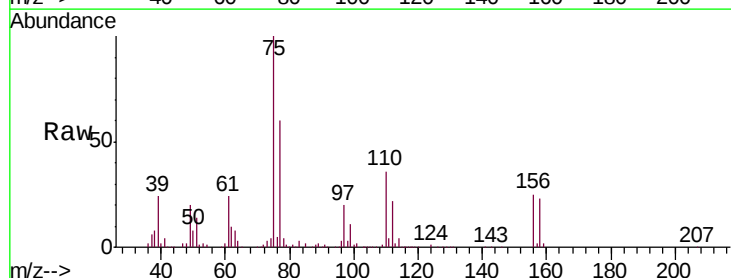
RT: 12.77 min Scan# 1835

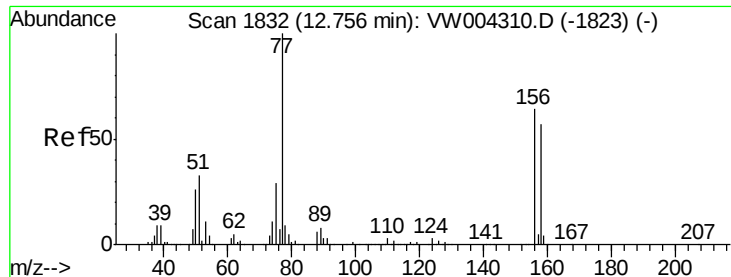
Delta R.T. -0.00 min

Lab File: VW004332.D

Acq: 30 Jul 2018 00:42

Tgt Ion:	75	Resp:	110513
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 52.63 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. -0.01 min

Lab File: VW004332.D

Acq: 30 Jul 2018 00:42

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion:156 Resp: 174854

Ion Ratio Lower Upper

156 100

77 186.5 92.9 278.7

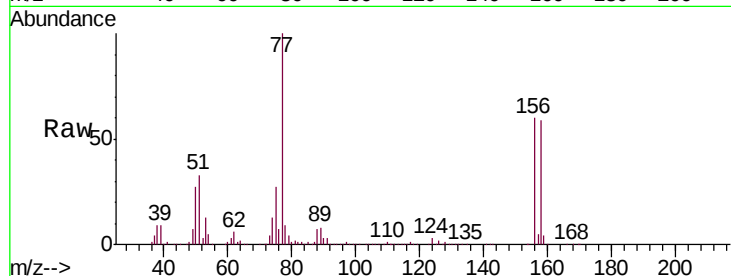
158 98.4 47.6 142.8

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apatel

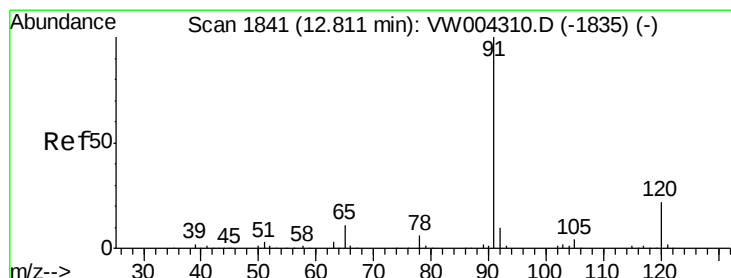
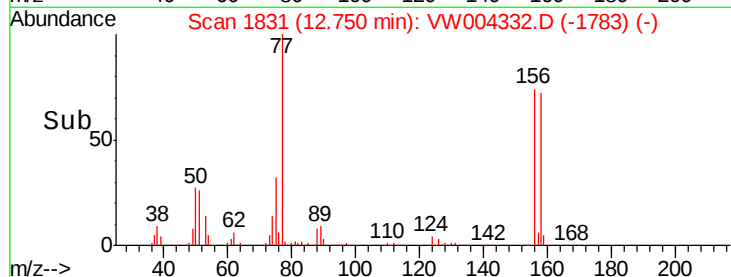
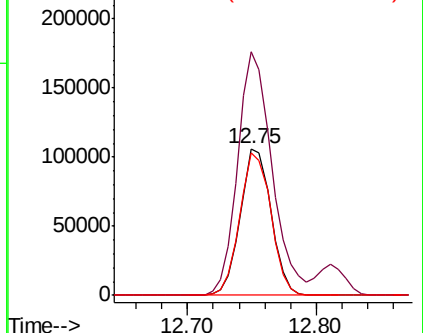
7/30/2018 10:33:50 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.80 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VW004332.D

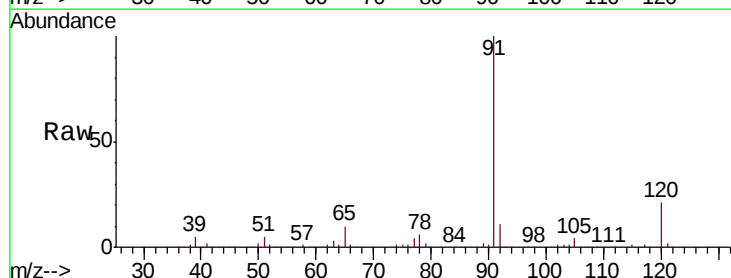
Acq: 30 Jul 2018 00:42

Tgt Ion: 91 Resp: 901195

Ion Ratio Lower Upper

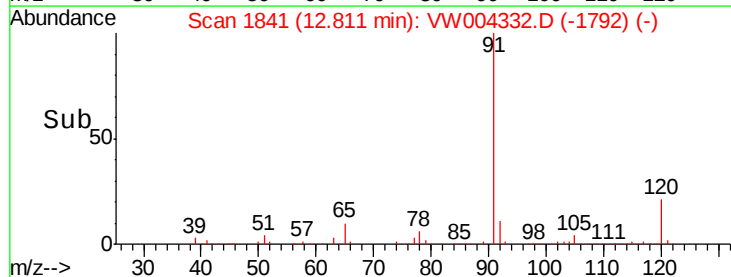
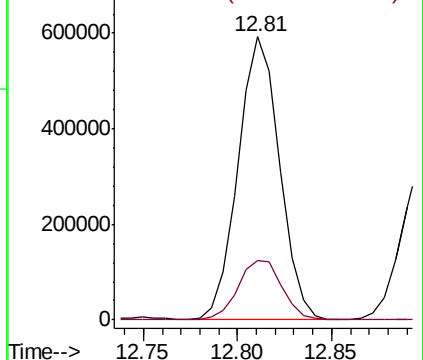
91 100

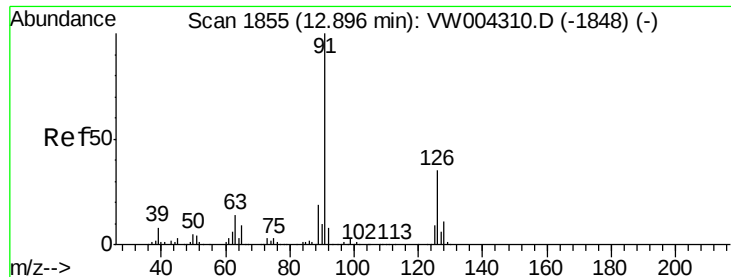
120 22.3 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





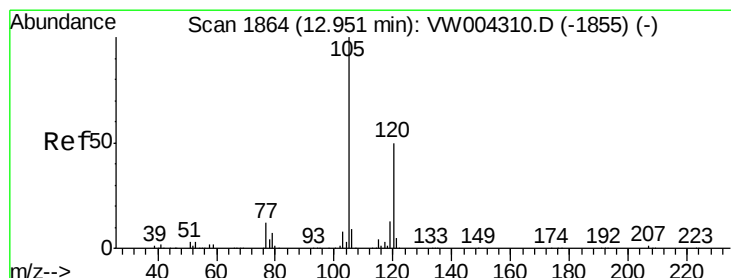
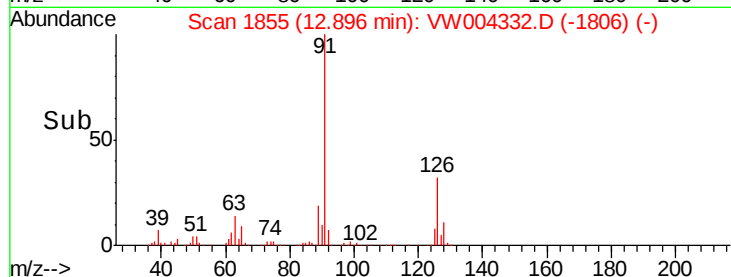
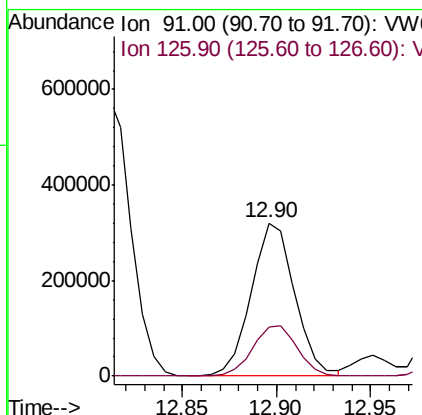
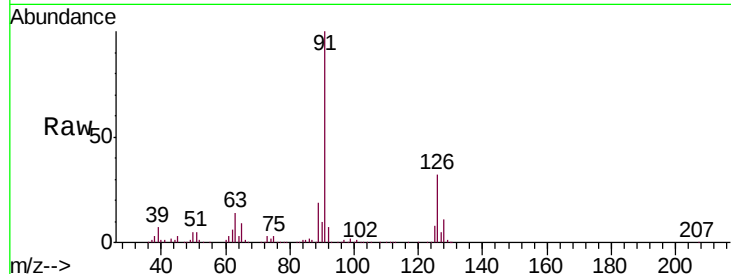
#79
2-Chlorotoluene
Concen: 53.67 ug/l
RT: 12.90 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW004332.D
Acq: 30 Jul 2018 00:42

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 514206
Ion Ratio Lower Upper
91 100
126 33.7 17.1 51.2

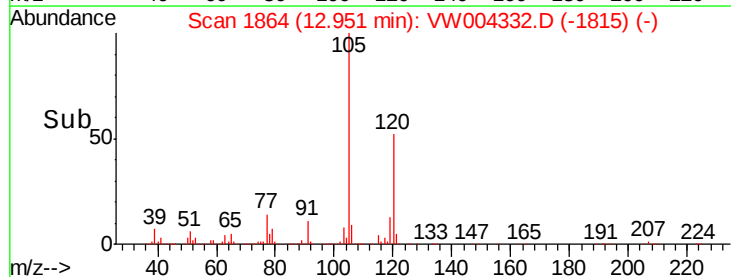
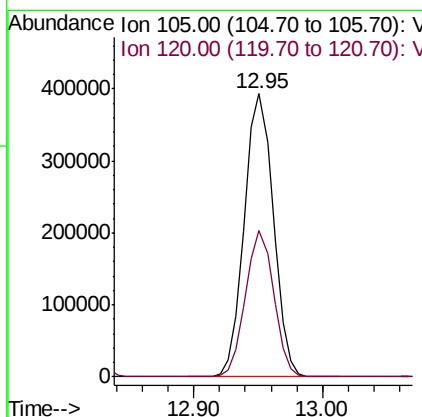
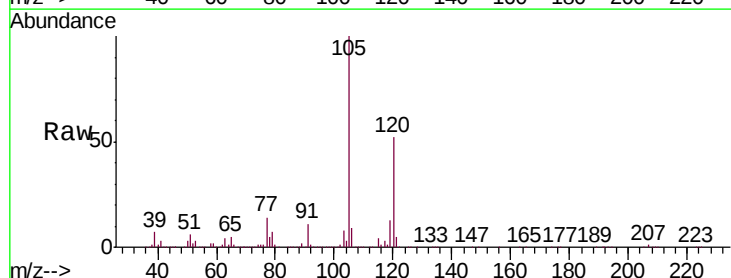
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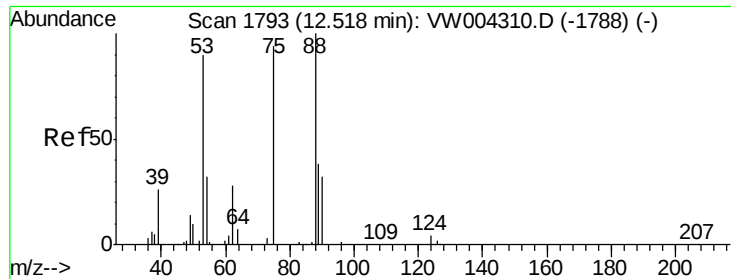
apatel
7/30/2018 10:33:50 AM



#80
1,3,5-Trimethylbenzene
Concen: 51.60 ug/l
RT: 12.95 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VW004332.D
Acq: 30 Jul 2018 00:42

Tgt Ion:105 Resp: 611188
Ion Ratio Lower Upper
105 100
120 50.3 25.1 75.2





#81

trans-1,4-Dichloro-2-butene

Concen: 50.30 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VW004332.D

Acq: 30 Jul 2018 00:42

Instrument :

MSVOA_W

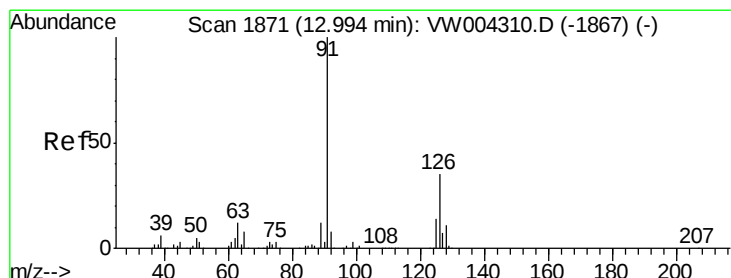
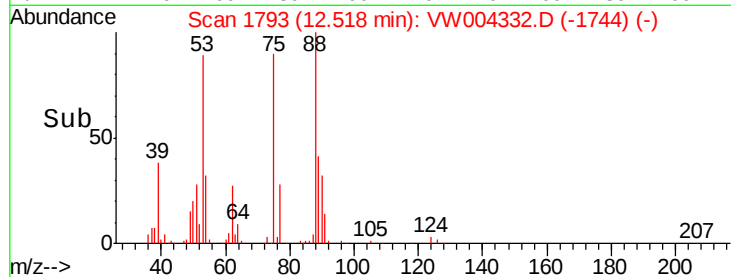
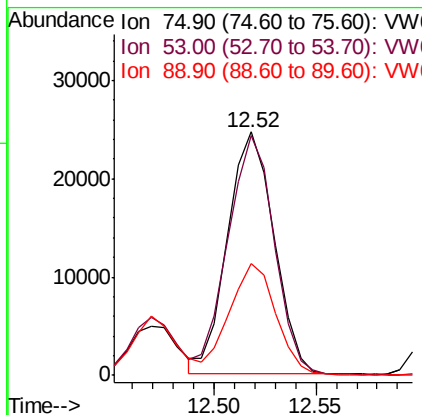
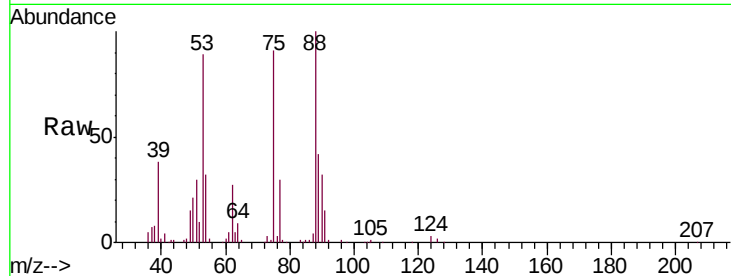
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	100.1	77.6	116.4
89	46.0	36.0	54.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 54.45 ug/l

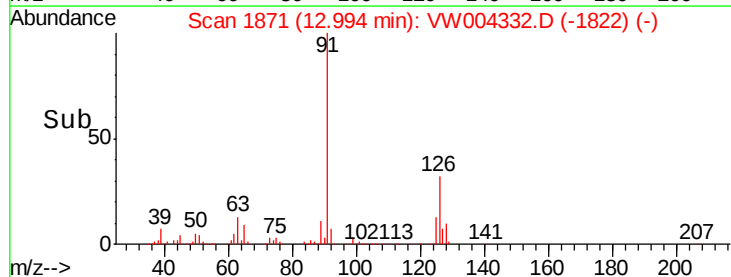
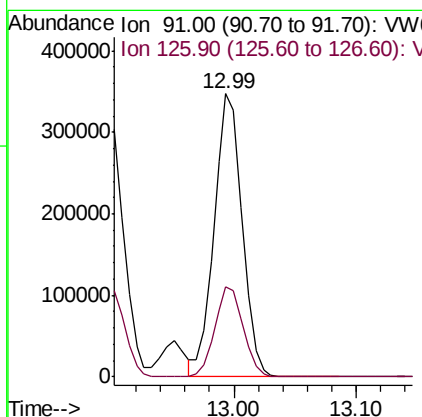
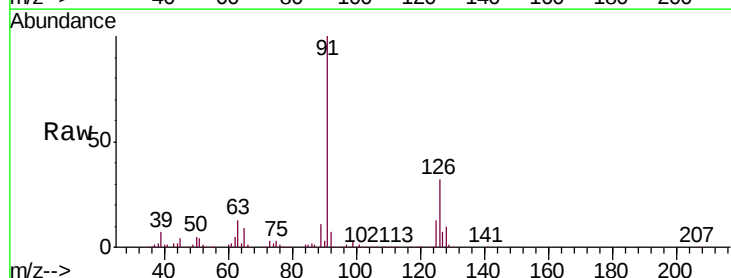
RT: 12.99 min Scan# 1871

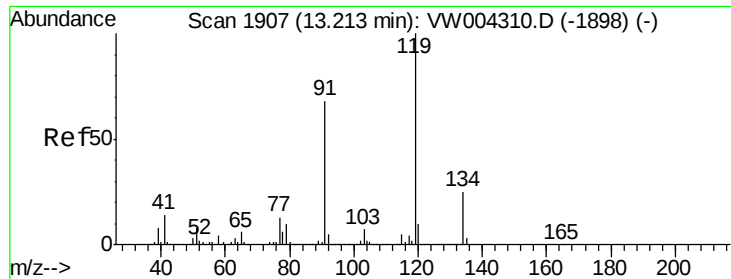
Delta R.T. -0.00 min

Lab File: VW004332.D

Acq: 30 Jul 2018 00:42

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.4	17.4	52.3





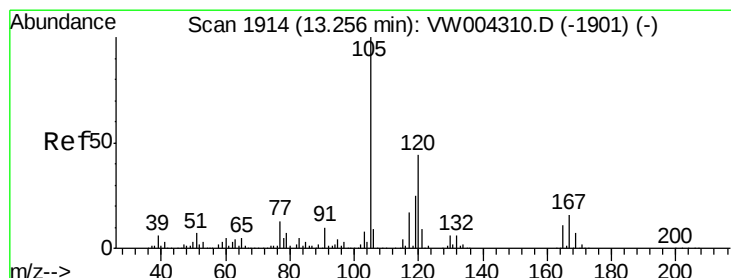
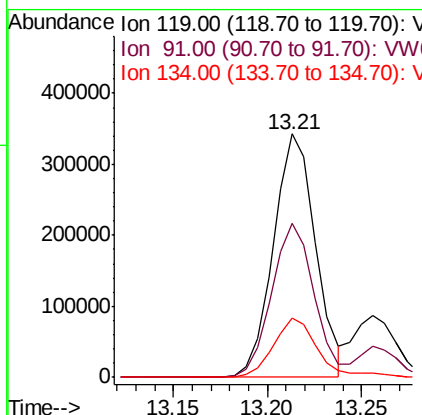
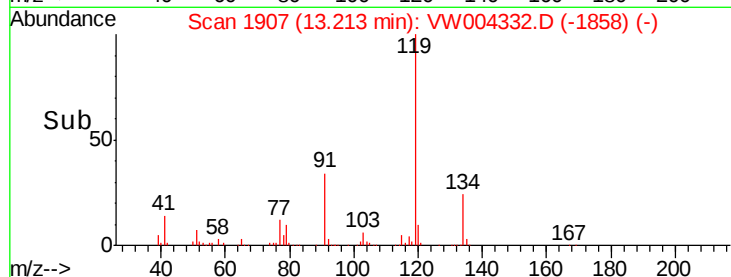
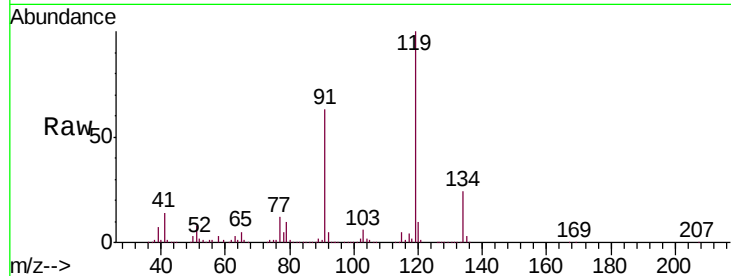
#83
tert-Butylbenzene
Concen: 53.88 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. -0.00 min
Lab File: VW004332.D
Acq: 30 Jul 2018 00:42

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.5	32.8	98.3
134	25.8	12.2	36.6

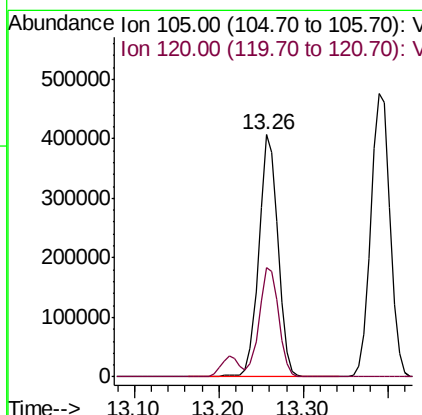
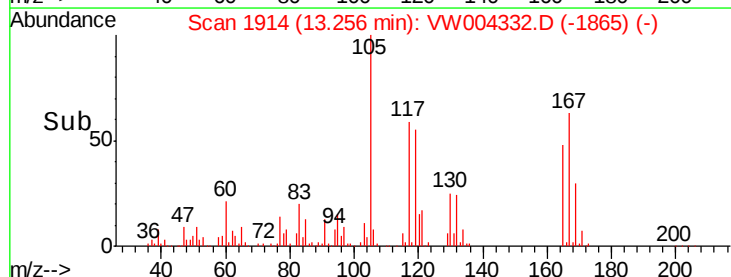
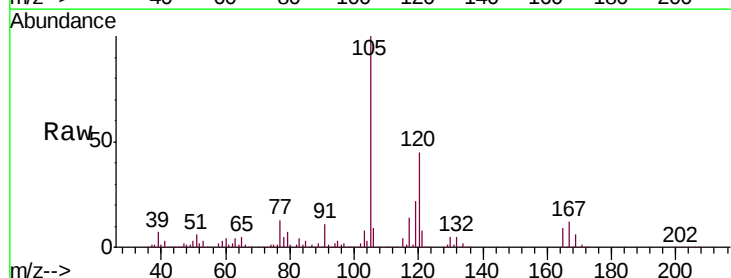
Manual Integrations
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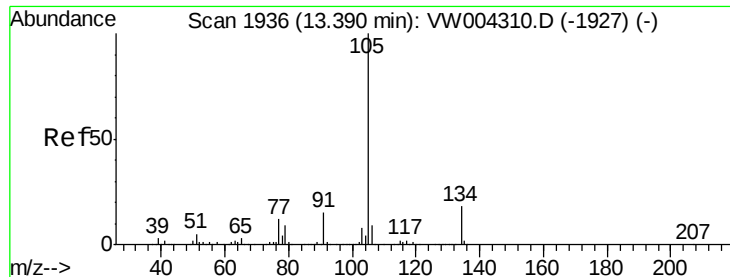
apatel
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#84
1,2,4-Trimethylbenzene
Concen: 52.31 ug/l
RT: 13.26 min Scan# 1914
Delta R.T. -0.00 min
Lab File: VW004332.D
Acq: 30 Jul 2018 00:42

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.7	22.7	68.0





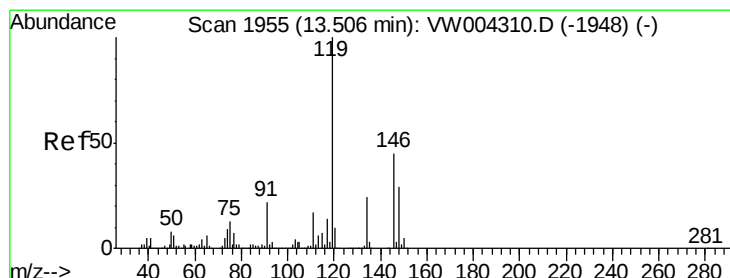
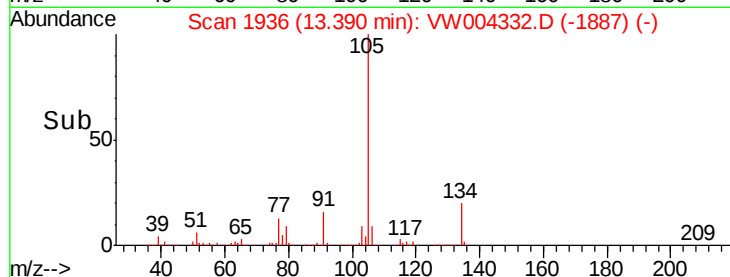
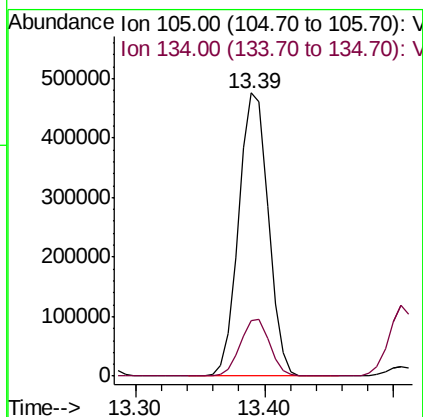
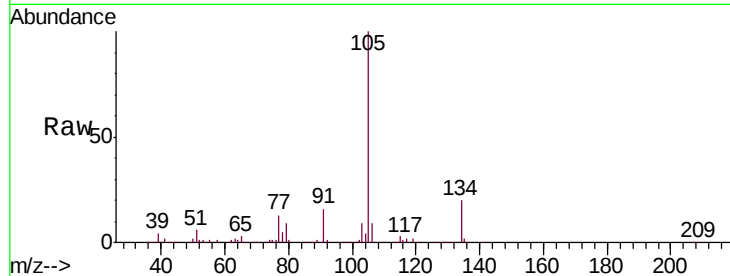
#85
 sec-Butylbenzene
 Concen: 52.47 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VW004332.D
 Acq: 30 Jul 2018 00:42

Instrument :
 MSVOA_W
 ClientSampleID :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.0	9.6	28.8

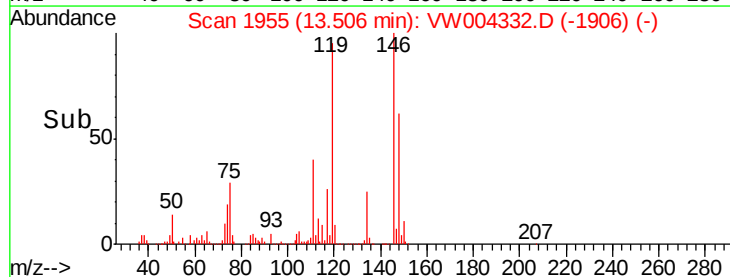
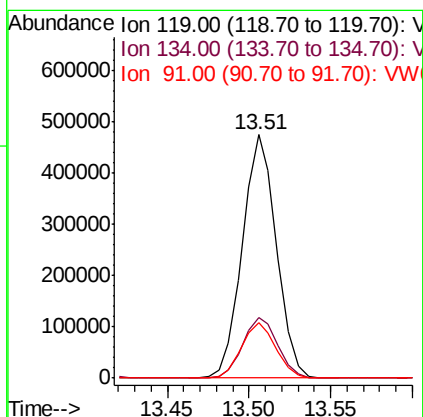
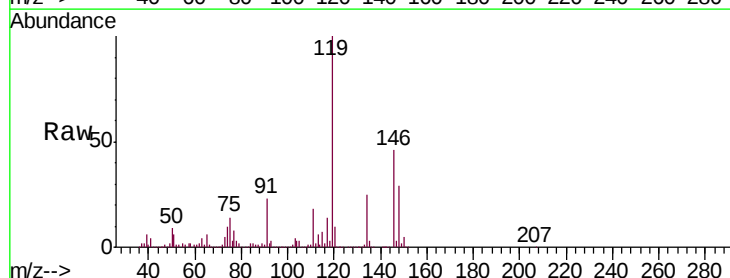
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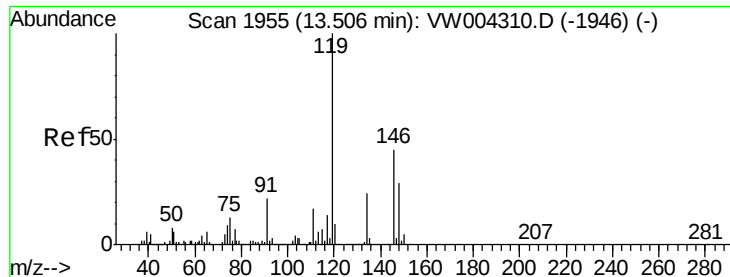
apatel
 7/30/2018 10:33:50 AM



#86
 p-Isopropyltoluene
 Concen: 53.13 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW004332.D
 Acq: 30 Jul 2018 00:42

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.5	12.6	37.8
91	22.8	11.3	33.9





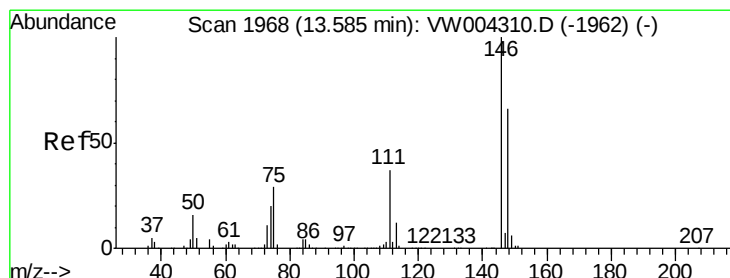
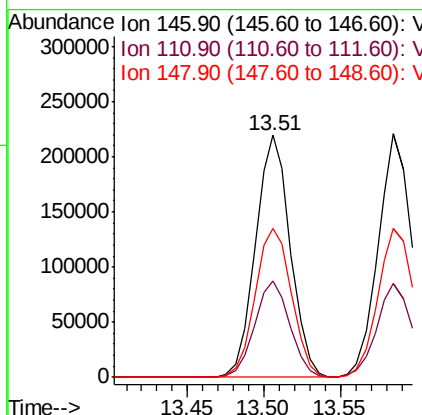
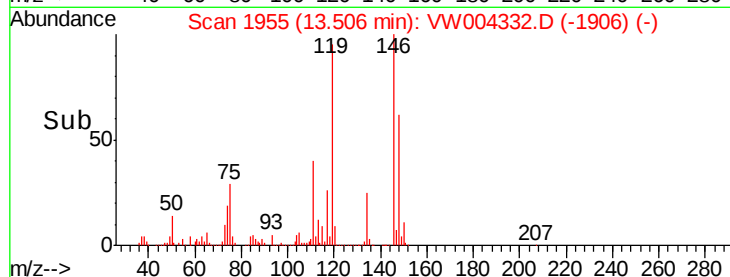
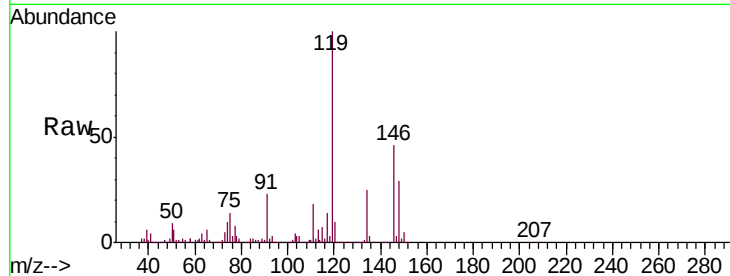
#87
 1,3-Dichlorobenzene
 Concen: 52.15 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW004332.D
 Acq: 30 Jul 2018 00:42

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	19.9	59.6
148	64.1	31.9	95.5

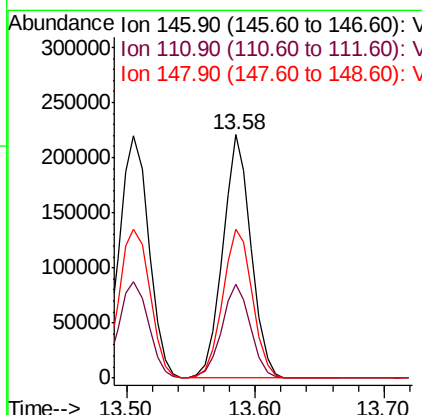
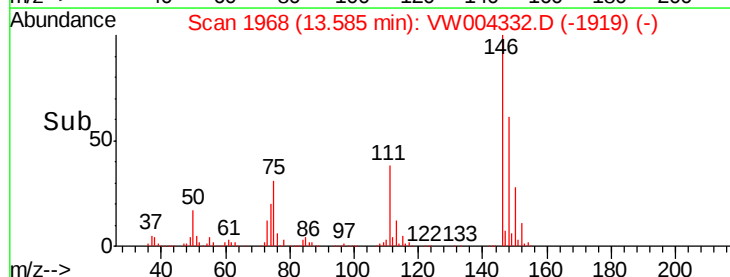
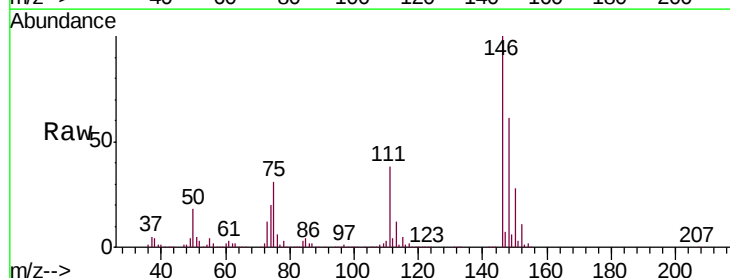
Manual Integrations
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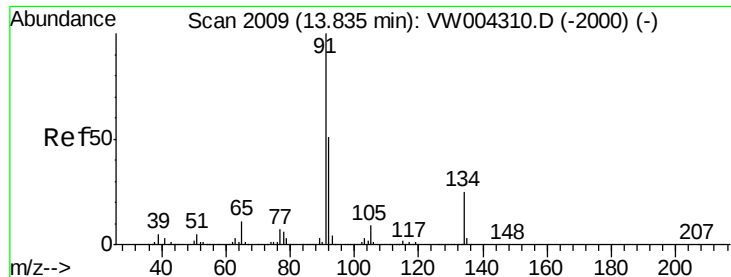
apatel
 7/30/2018 10:33:50 AM



#88
 1,4-Dichlorobenzene
 Concen: 51.09 ug/l
 RT: 13.58 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VW004332.D
 Acq: 30 Jul 2018 00:42

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.4	58.1
148	64.4	32.8	98.3





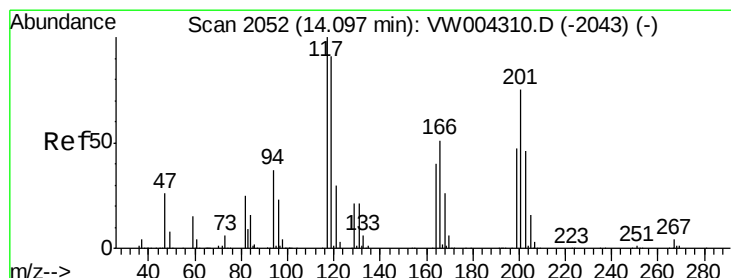
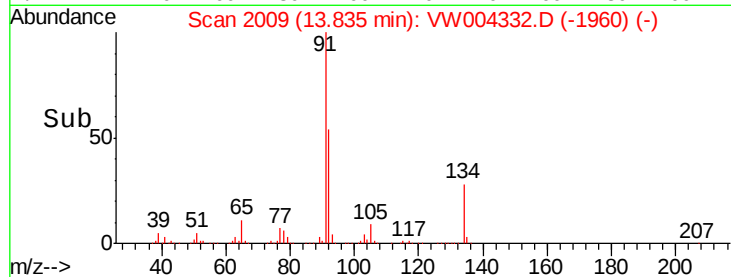
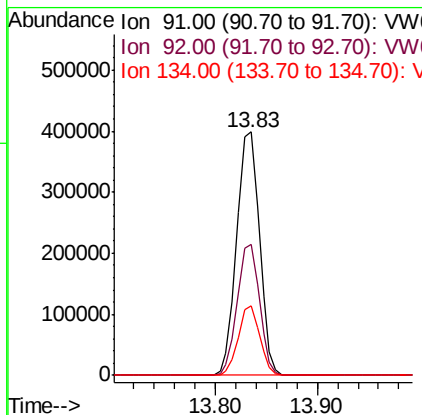
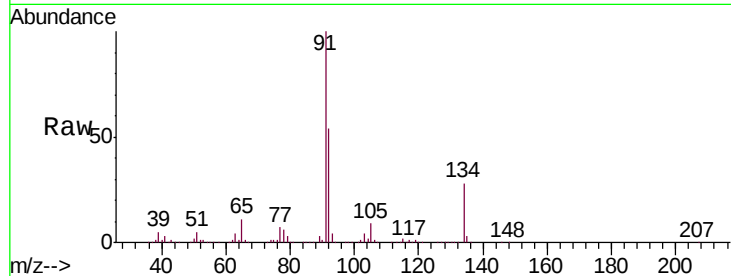
#89
n-Butylbenzene
Concen: 50.74 ug/l
RT: 13.83 min Scan# 2009
Delta R.T. -0.00 min
Lab File: VW004332.D
Acq: 30 Jul 2018 00:42

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.8	26.4	79.2
134	27.0	12.9	38.6

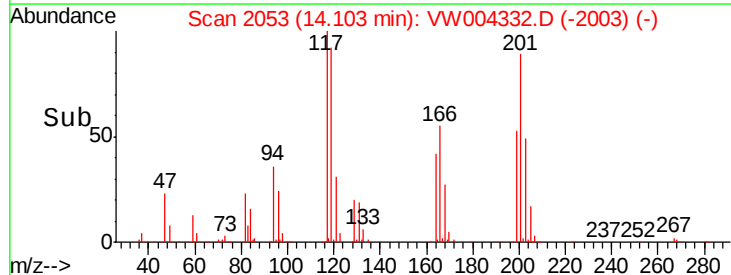
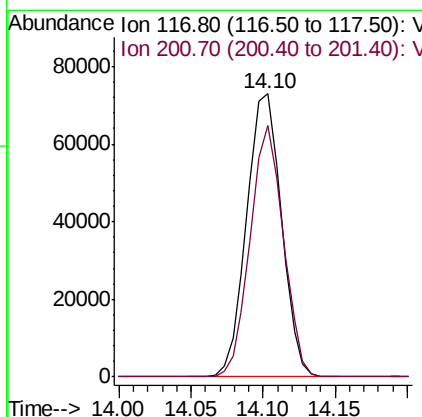
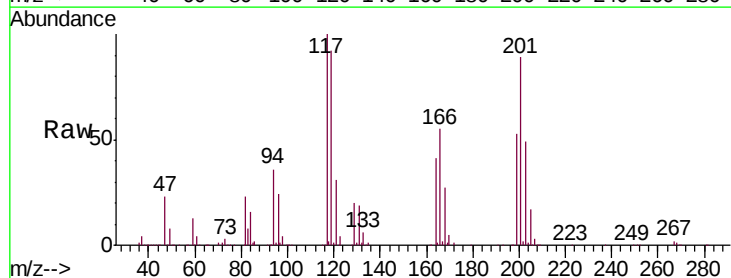
Manual Integrations
APPROVED

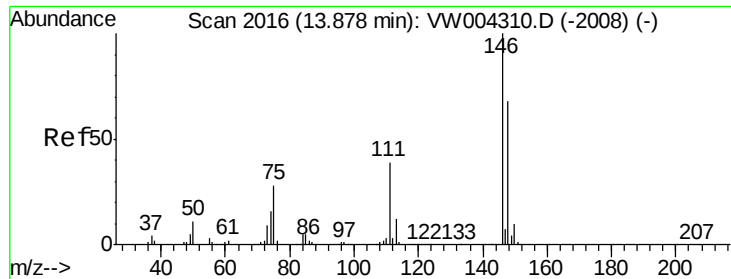
apatel
7/30/2018 10:33:50 AM



#90
Hexachloroethane
Concen: 52.94 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. 0.01 min
Lab File: VW004332.D
Acq: 30 Jul 2018 00:42

Tgt Ion	Ratio	Lower	Upper
117	100		
201	84.3	41.5	124.5





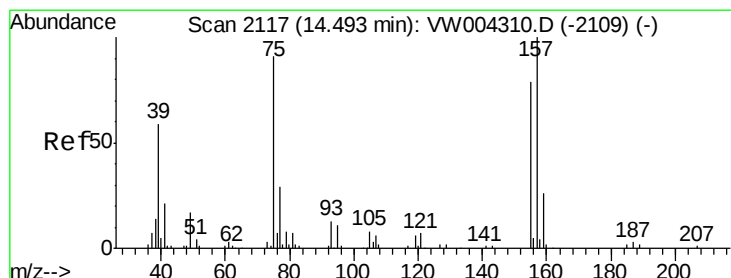
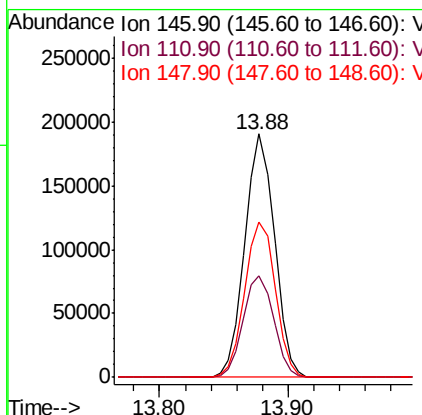
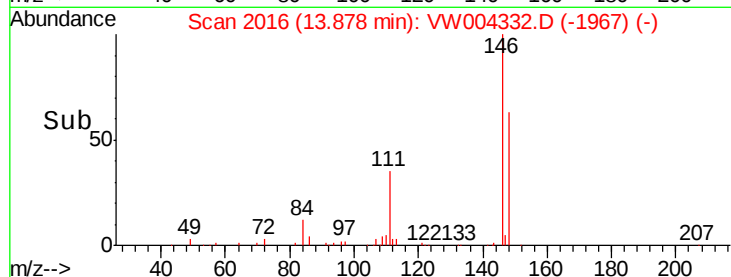
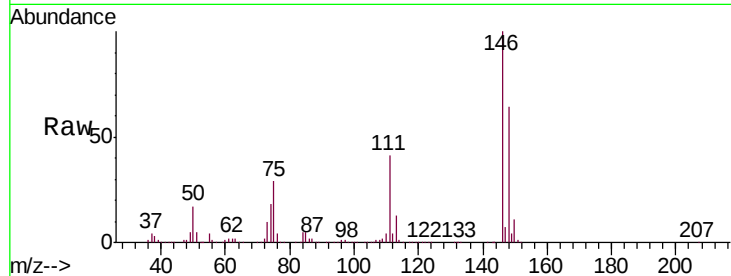
#91
 1,2-Dichlorobenzene
 Concen: 51.01 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: VW004332.D
 Acq: 30 Jul 2018 00:42

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.9	19.7	59.1
148	65.8	32.0	96.0

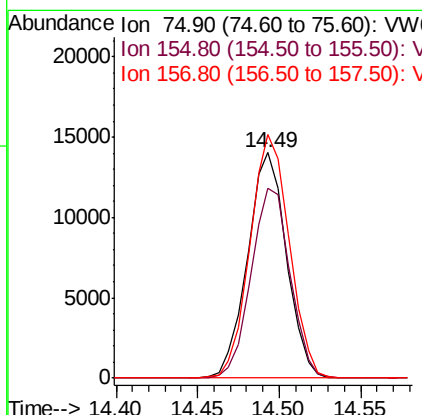
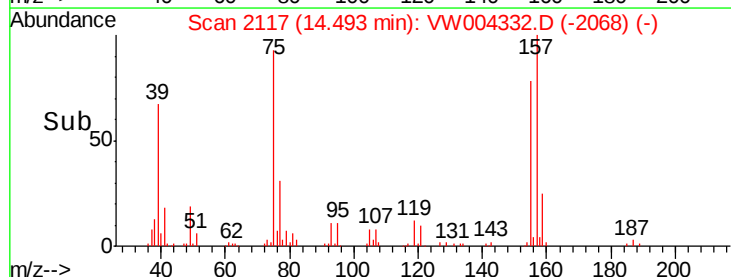
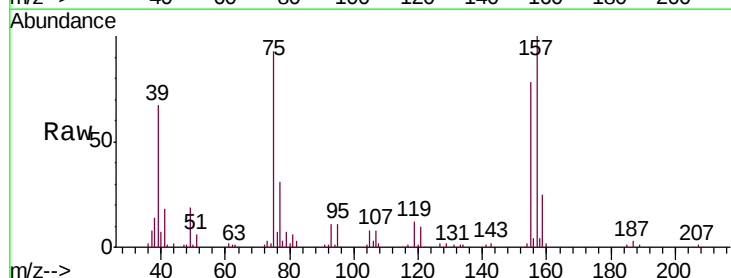
Manual Integrations
 APPROVED

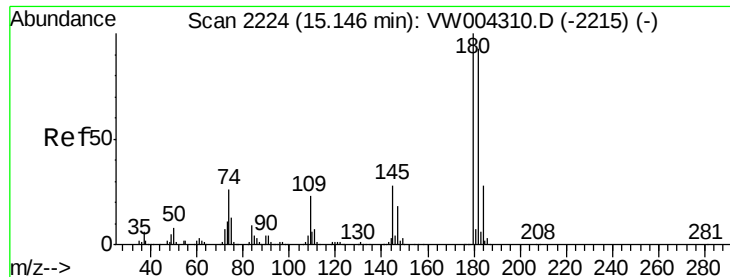
apatel
 7/30/2018 10:33:50 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.28 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VW004332.D
 Acq: 30 Jul 2018 00:42

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.3	41.4	124.4
157	108.6	55.2	165.6





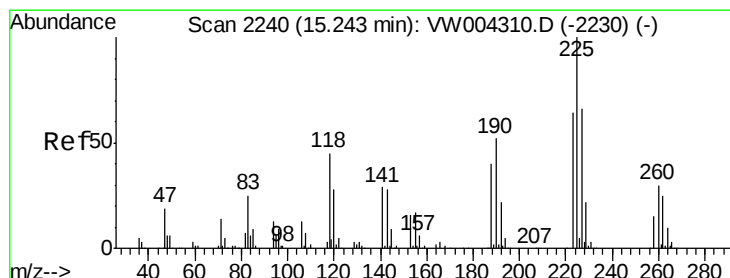
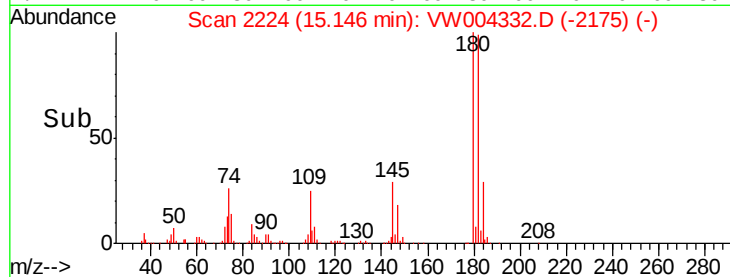
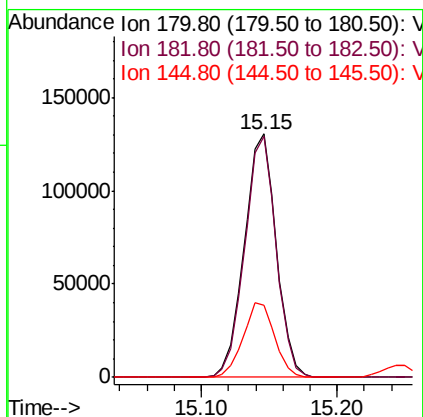
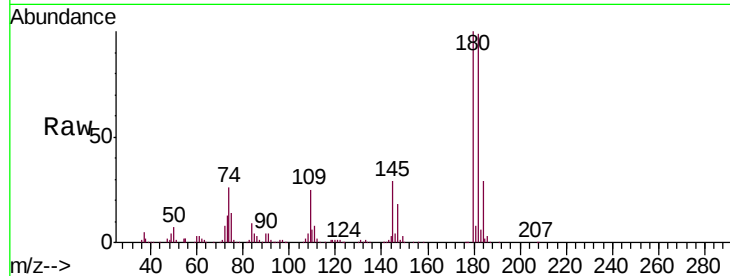
#93
1,2,4-Trichlorobenzene
Concen: 51.27 ug/l
RT: 15.15 min Scan# 2224
Delta R.T. -0.00 min
Lab File: VW004332.D
Acq: 30 Jul 2018 00:42

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	214291		
182	97.0	47.3	141.8	
145	30.3	14.8	44.4	

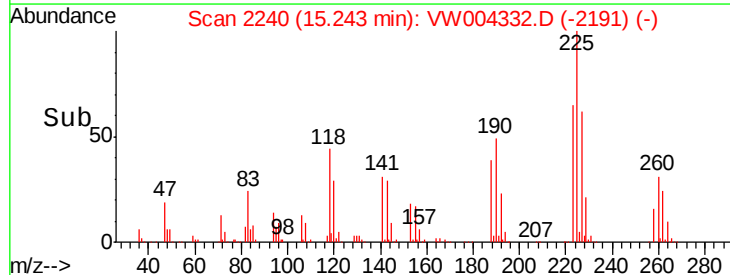
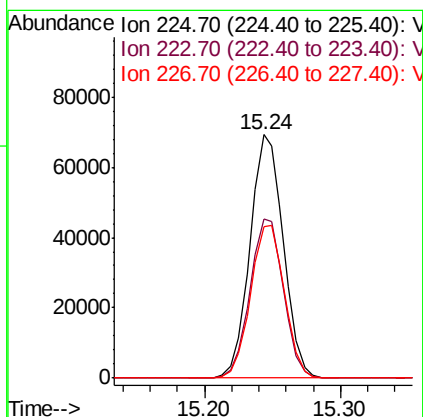
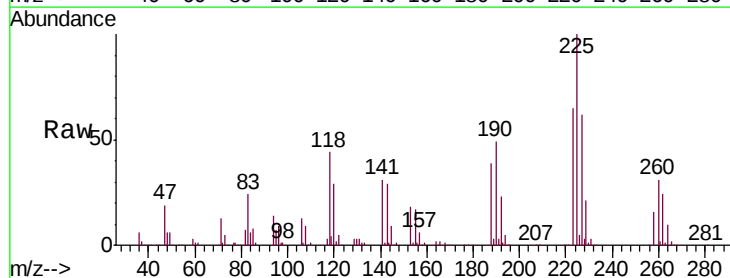
Manual Integrations
APPROVED

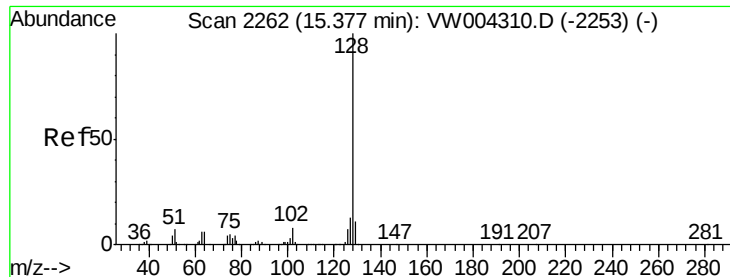
apatel
7/30/2018 10:33:50 AM



#94
Hexachlorobutadiene
Concen: 46.54 ug/l
RT: 15.24 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW004332.D
Acq: 30 Jul 2018 00:42

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	118834		
223	65.7	31.0	93.0	
227	63.9	32.6	97.7	





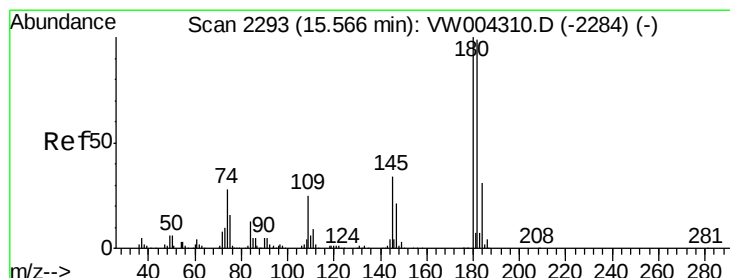
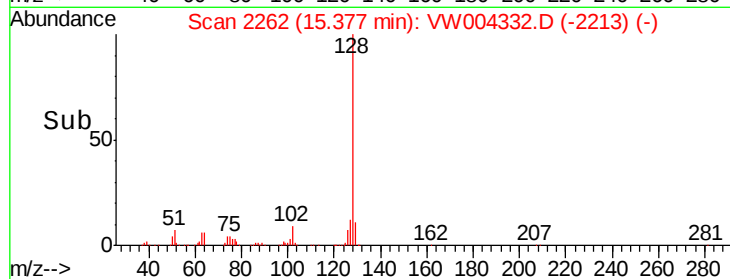
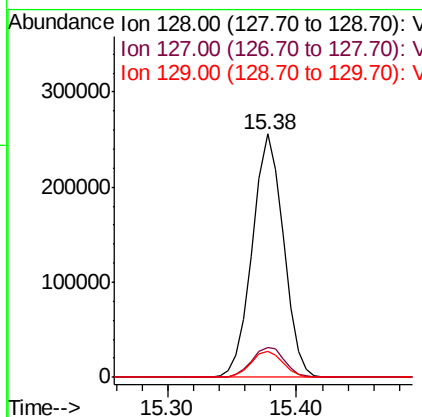
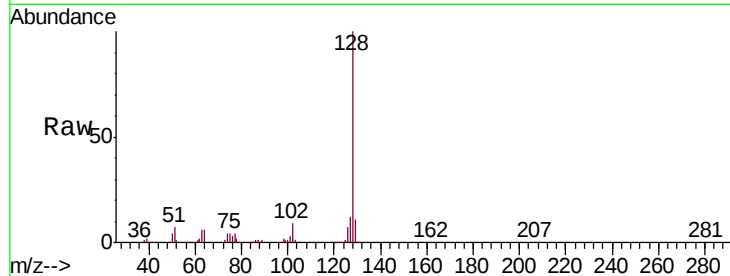
#95
Naphthalene
Concen: 59.21 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VW004332.D
Acq: 30 Jul 2018 00:42

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	11.0	8.6	13.0

Manual Integrations
APPROVED

apatel
7/30/2018 10:33:50 AM



#96
1,2,3-Trichlorobenzene
Concen: 53.40 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VW004332.D
Acq: 30 Jul 2018 00:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.1	48.0	144.0
145	31.7	16.2	48.5

