

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090818\
 Data File : VW005229.D
 Acq On : 08 Sep 2018 01:02
 Operator : SY/AP
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

apatel
 9/10/2018 10:42:14 AM

Quant Time: Sep 08 03:44:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090818S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 08 02:41:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	525150	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	756920	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	740424	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	393270	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	200030	45.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.88%	
35) Dibromofluoromethane	7.89	113	201818	46.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.86%	
50) Toluene-d8	10.33	98	1039386	51.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.04%	
62) 4-Bromofluorobenzene	12.63	95	375368	52.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	196679	46.62	ug/l	100
3) Chloromethane	2.21	50	276370	45.68	ug/l	100
4) Vinyl Chloride	2.35	62	261608	44.73	ug/l	100
5) Bromomethane	2.76	94	165650	41.16	ug/l	100
6) Chloroethane	2.91	64	153152	42.58	ug/l	100
7) Trichlorofluoromethane	3.26	101	285796	43.49	ug/l	100
8) Diethyl Ether	3.69	74	105119	43.90	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.07	101	201433	44.46	ug/l	100
10) Methyl Iodide	4.28	142	278260	48.33	ug/l	100
11) Tert butyl alcohol	5.16	59	73103	230.77	ug/l	100
12) 1,1-Dichloroethene	4.04	96	186721	44.77	ug/l	100
13) Acrolein	3.90	56	71798	249.48	ug/l	100
14) Allyl chloride	4.67	41	294340	45.21	ug/l	100
15) Acrylonitrile	5.37	53	257531	250.67	ug/l	100
16) Acetone	4.12	43	174963	205.54	ug/l	100
17) Carbon Disulfide	4.38	76	679270	46.55	ug/l	100
18) Methyl Acetate	4.67	43	110362	43.50	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	493307	48.30	ug/l	100
20) Methylene Chloride	4.92	84	301922	42.41	ug/l	100
21) trans-1,2-Dichloroethene	5.43	96	223759	44.07	ug/l	100
22) Diisopropyl ether	6.32	45	659984	48.09	ug/l	100
23) Vinyl Acetate	6.26	43	1790199	246.90	ug/l	100
24) 1,1-Dichloroethane	6.22	63	373285	43.67	ug/l	100
25) 2-Butanone	7.17	43	287983	196.86	ug/l	100
26) 2,2-Dichloropropane	7.18	77	288673	41.38	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	244126	44.04	ug/l	100
28) Bromochloromethane	7.52	49	147536	42.96	ug/l	100
29) Tetrahydrofuran	7.53	42	196597	253.60	ug/l	100
30) Chloroform	7.68	83	375666	43.06	ug/l	100
31) Cyclohexane	7.96	56	398827	47.20	ug/l	100
32) 1,1,1-Trichloroethane	7.88	97	342370	45.02	ug/l	100
36) 1,1-Dichloropropene	8.09	75	333189	47.11	ug/l	100
37) Ethyl Acetate	7.26	43	133583	49.72	ug/l	100
38) Carbon Tetrachloride	8.07	117	304065	45.37	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	441448	51.36	ug/l	100
40) Benzene	8.33	78	1034496	47.73	ug/l	100
41) Methacrylonitrile	7.49	41	75665	49.15	ug/l	100
42) 1,2-Dichloroethane	8.41	62	235347	44.42	ug/l	100
43) Isopropyl Acetate	8.43	43	251970	51.36	ug/l	100
44) Trichloroethene	9.10	130	271058	46.44	ug/l	100
45) 1,2-Dichloropropane	9.38	63	242584	45.95	ug/l	100
46) Dibromomethane	9.46	93	112629	44.60	ug/l	100
47) Bromodichloromethane	9.65	83	284674	44.85	ug/l	100
48) Methyl methacrylate	9.44	41	136924	57.07	ug/l	100
49) 1,4-Dioxane	9.45	88	46781	1127.51	ug/l	100
51) 4-Methyl-2-Pentanone	10.21	43	715040	225.17	ug/l	100
52) Toluene	10.40	92	726598	49.46	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	304094	48.37	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	358687	47.20	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	182033	46.32	ug/l	100
56) Ethyl methacrylate	10.65	69	254772	55.79	ug/l	100
57) 1,3-Dichloropropane	10.94	76	311324	47.91	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	543747	255.51	ug/l	100
59) 2-Hexanone	10.98	43	513241	237.88	ug/l	100
60) Dibromochloromethane	11.13	129	207590	46.71	ug/l	100
61) 1,2-Dibromoethane	11.24	107	173178	48.51	ug/l	100
64) Tetrachloroethene	10.87	164	295363	51.07	ug/l	100
65) Chlorobenzene	11.66	112	802087	48.76	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	237715	47.35	ug/l	100
67) Ethyl Benzene	11.74	91	1396356	50.37	ug/l	100
68) m/p-Xylenes	11.85	106	1113270	100.42	ug/l	100
69) o-Xylene	12.17	106	521963	50.72	ug/l	100
70) Styrene	12.19	104	866141	51.11	ug/l	100
71) Bromoform	12.35	173	133380	49.68	ug/l #	100
73) Isopropylbenzene	12.47	105	1408533	51.56	ug/l	100
74) N-amyl acetate	12.28	43	280102	57.73	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	221006	52.10	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	152393m	51.18	ug/l	
77) Bromobenzene	12.76	156	336686	49.89	ug/l	100
78) n-propylbenzene	12.81	91	1685402	51.23	ug/l	100
79) 2-Chlorotoluene	12.90	91	962989	50.06	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	1189658	50.59	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	63529	51.89	ug/l	100
82) 4-Chlorotoluene	12.99	91	1006711	49.53	ug/l	100
83) tert-Butylbenzene	13.21	119	1053801	53.18	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	1214716	50.72	ug/l	100
85) sec-Butylbenzene	13.39	105	1482365	51.19	ug/l	100
86) p-Isopropyltoluene	13.51	119	1328005	51.84	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	677283	48.96	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	670585	48.79	ug/l	100
89) n-Butylbenzene	13.83	91	1217381	51.38	ug/l	100
90) Hexachloroethane	14.10	117	212992	49.80	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	608248	50.24	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	37513	55.88	ug/l	100

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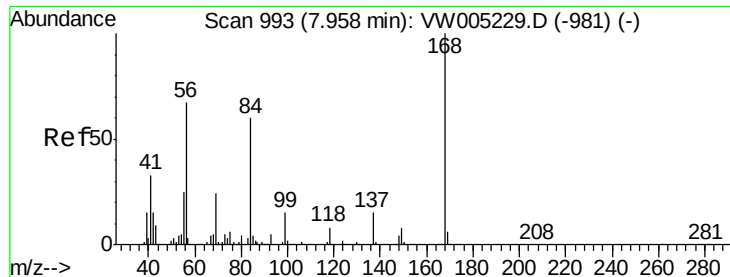
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	413046	51.09	ug/l	100
94) Hexachlorobutadiene	15.24	225	263386	52.07	ug/l	100
95) Naphthalene	15.38	128	728847	56.85	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	361714	52.07	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW005229.D

Acq: 08 Sep 2018 01:02

Instrument :

MSVOA_W

ClientSampled :

VSTDICCC050

Tot Ion:168 Resp: 525150

Ion Ratio Lower Upper

168 100

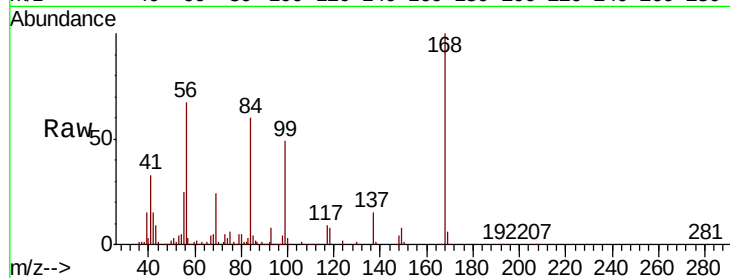
99 49.3 39.4 59.2

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

250000

200000

150000

100000

50000

0

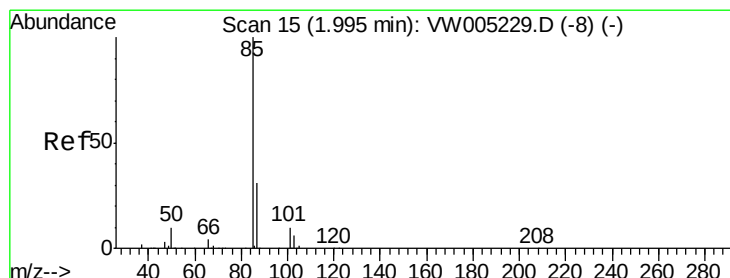
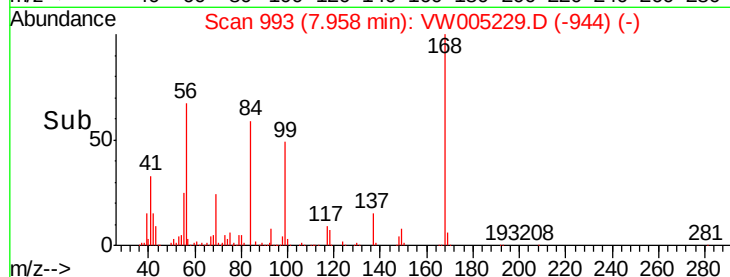
7.80

7.90

8.00

8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 46.62 ug/l

RT: 2.00 min Scan# 15

Delta R.T. 0.00 min

Lab File: VW005229.D

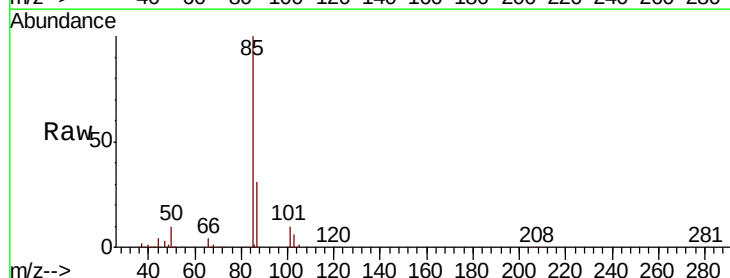
Acq: 08 Sep 2018 01:02

Tgt Ion: 85 Resp: 196679

Ion Ratio Lower Upper

85 100

87 31.4 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

150000

100000

50000

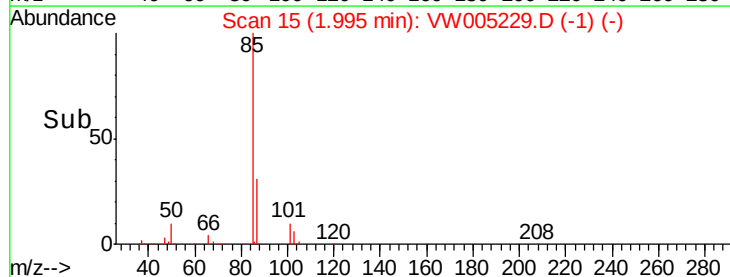
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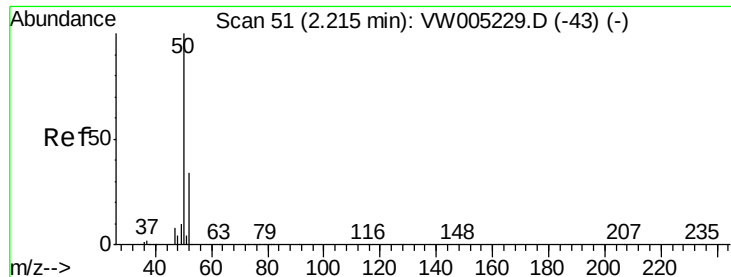
1.90

2.00

2.10

Time-->





#3

Chloromethane

Concen: 45.68 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW005229.D

Acq: 08 Sep 2018 01:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 50 Resp: 276370

Ion Ratio Lower Upper

50 100

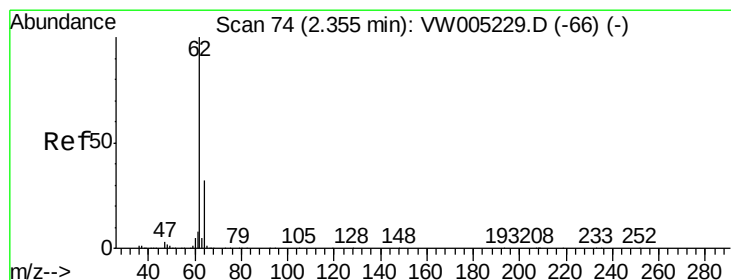
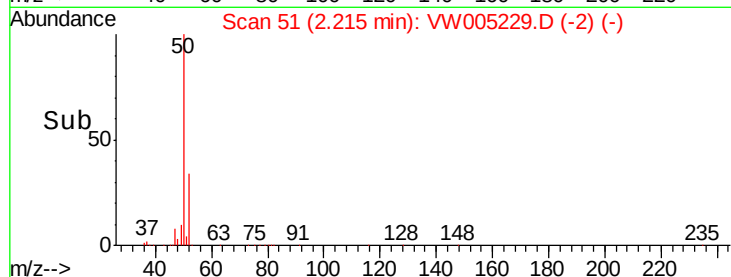
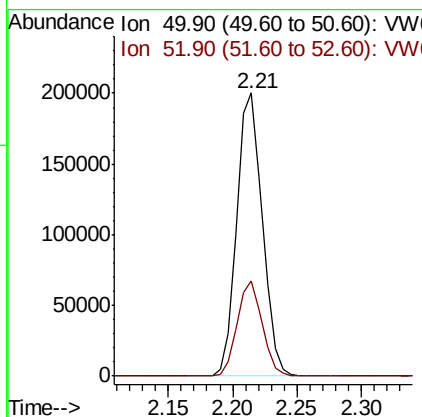
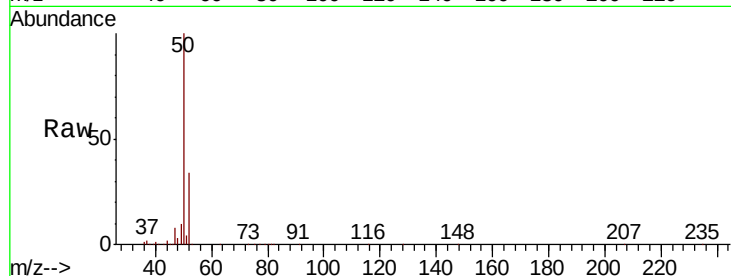
52 33.6 26.9 40.3

Manual Integrations

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#4

Vinyl Chloride

Concen: 44.73 ug/l

RT: 2.35 min Scan# 74

Delta R.T. 0.00 min

Lab File: VW005229.D

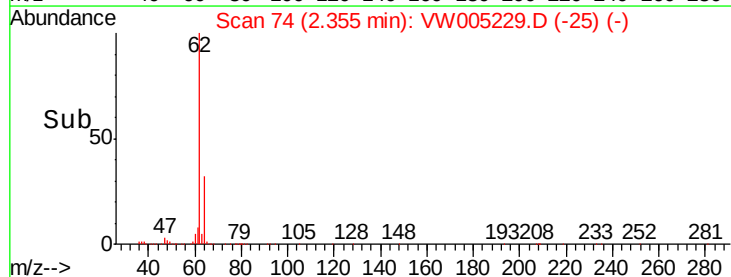
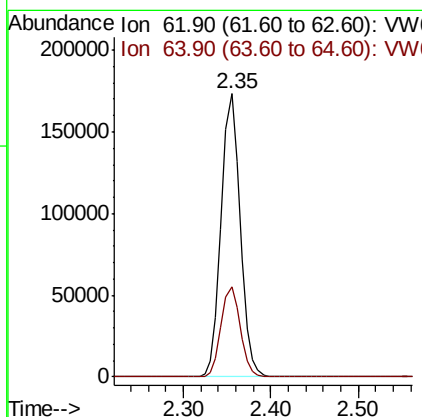
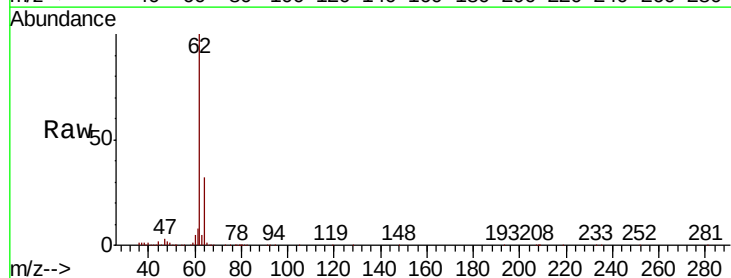
Acq: 08 Sep 2018 01:02

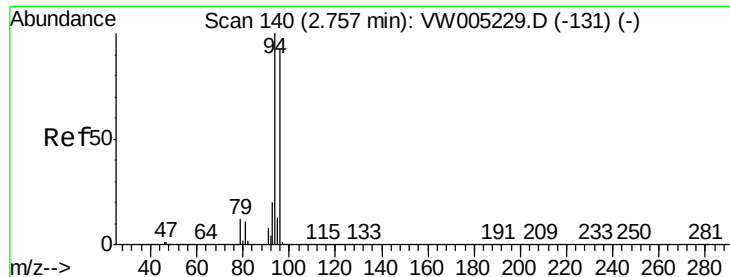
Tgt Ion: 62 Resp: 261608

Ion Ratio Lower Upper

62 100

64 31.7 25.4 38.0





#5

Bromomethane

Concen: 41.16 ug/l

RT: 2.76 min Scan# 140

Delta R.T. 0.00 min

Lab File: VW005229.D

Acq: 08 Sep 2018 01:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 94 Resp: 165650

Ion Ratio Lower Upper

94 100

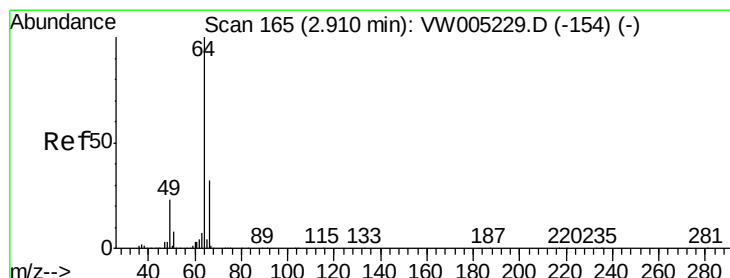
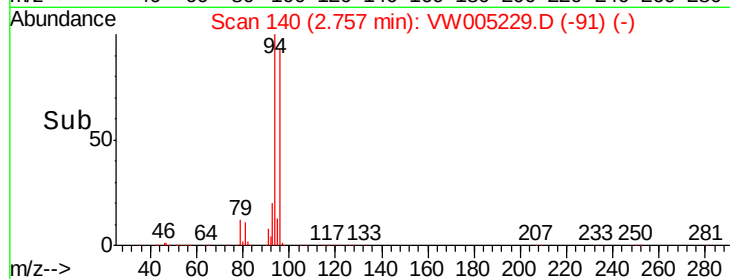
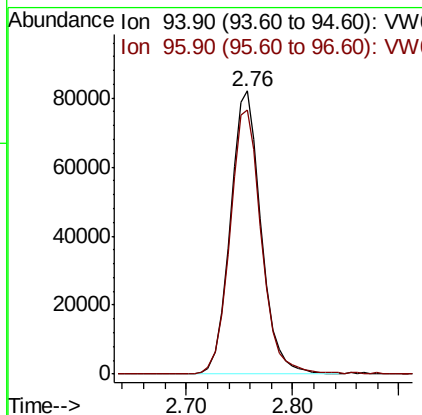
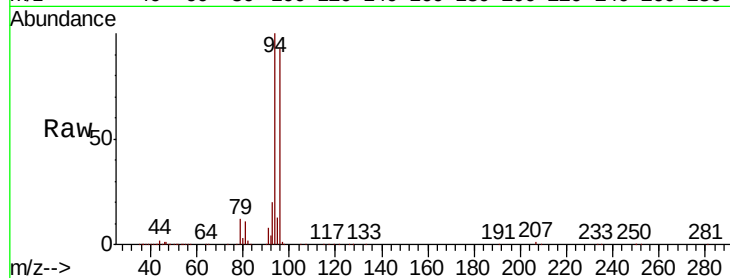
96 93.3 74.6 112.0

Manual Integrations

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#6

Chloroethane

Concen: 42.58 ug/l

RT: 2.91 min Scan# 165

Delta R.T. 0.00 min

Lab File: VW005229.D

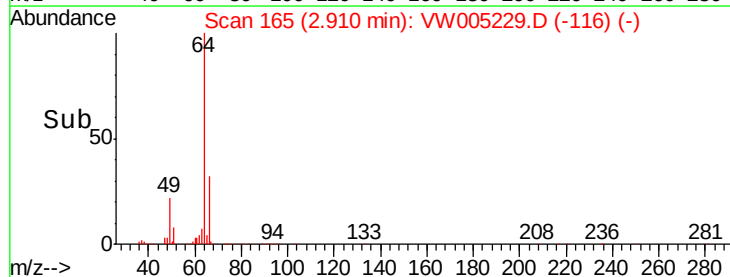
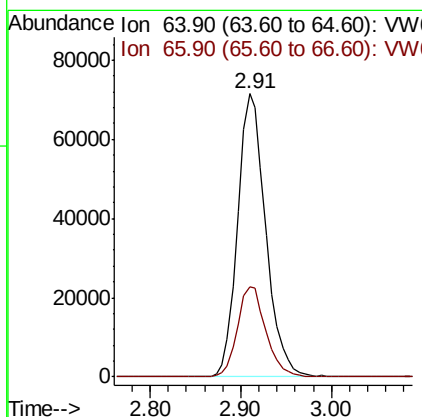
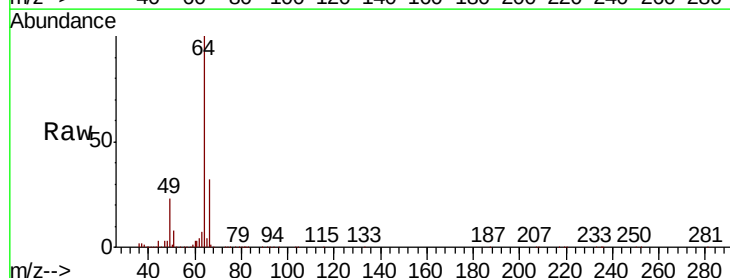
Acq: 08 Sep 2018 01:02

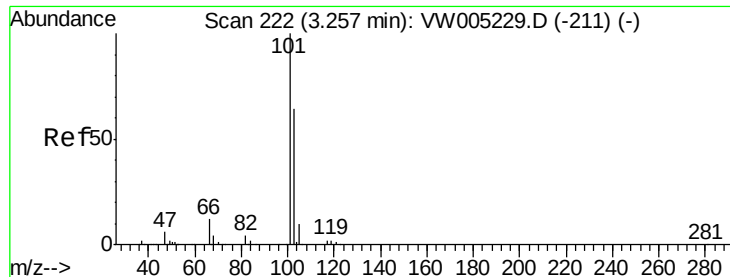
Tgt Ion: 64 Resp: 153152

Ion Ratio Lower Upper

64 100

66 31.9 25.5 38.3





#7

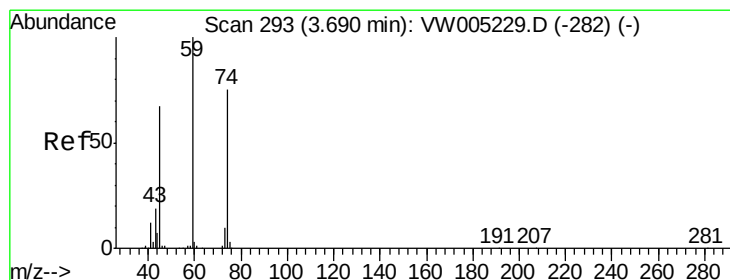
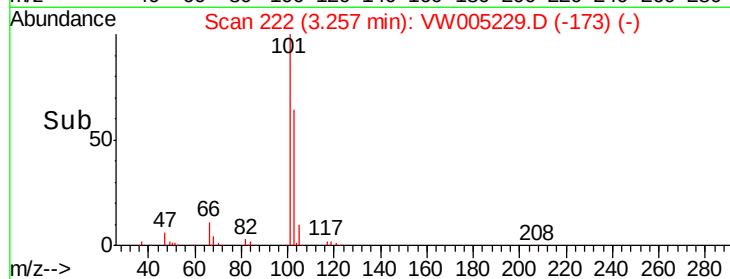
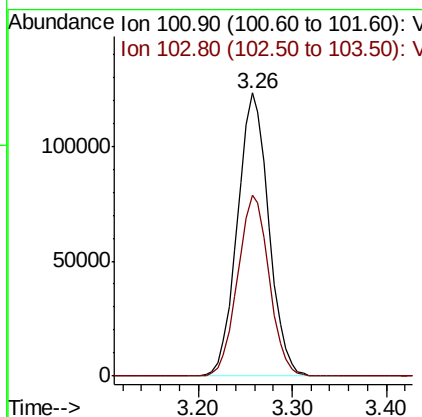
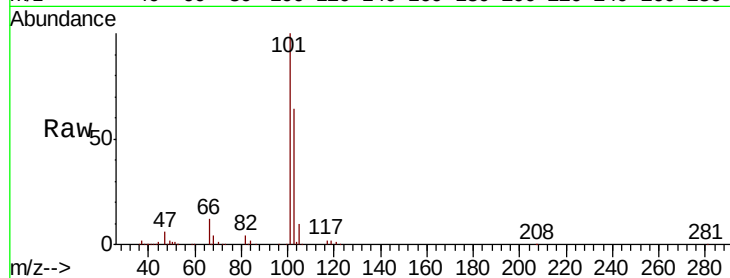
Trichlorofluoromethane
 Concen: 43.49 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. 0.00 min
 Lab File: VW005229.D
 Acq: 08 Sep 2018 01:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.8	51.0	76.6

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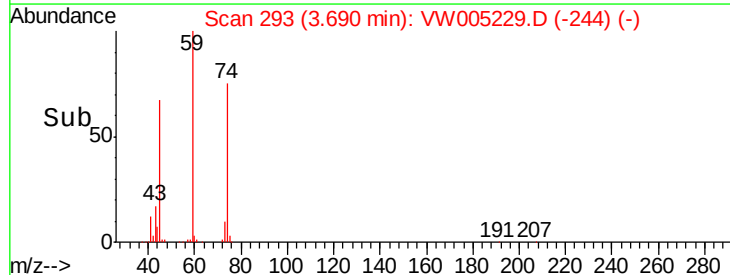
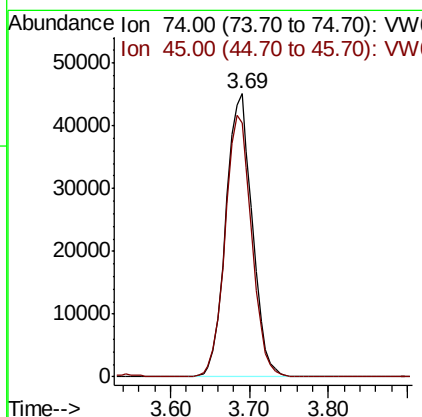
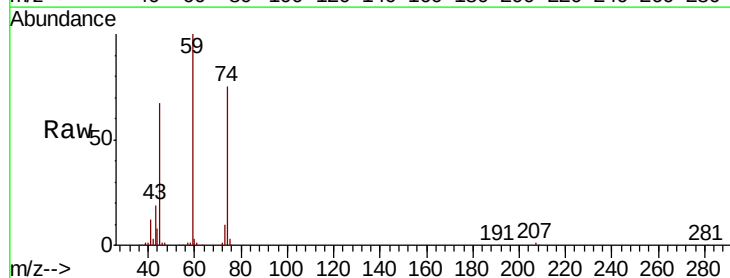
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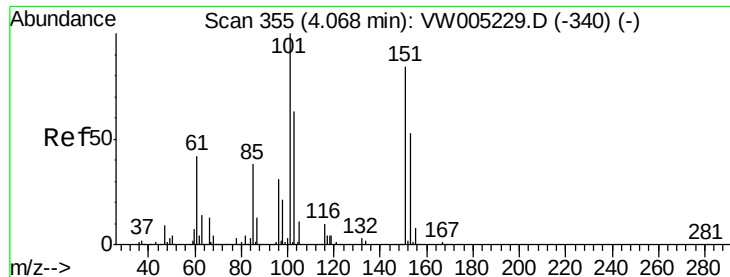


#8

Diethyl Ether
 Concen: 43.90 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VW005229.D
 Acq: 08 Sep 2018 01:02

Tgt Ion	Ratio	Lower	Upper
74	100		
45	93.0	46.5	139.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.46 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.00 min

Lab File: VW005229.D

Acq: 08 Sep 2018 01:02

Instrument :

MSVOA_W

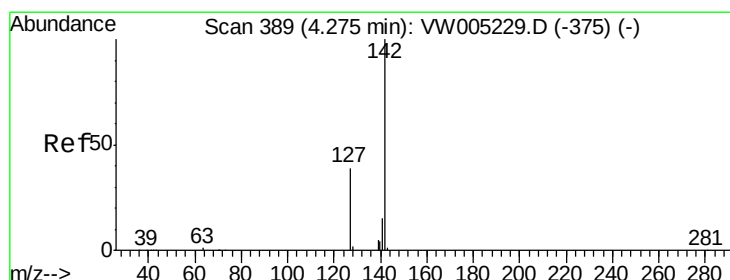
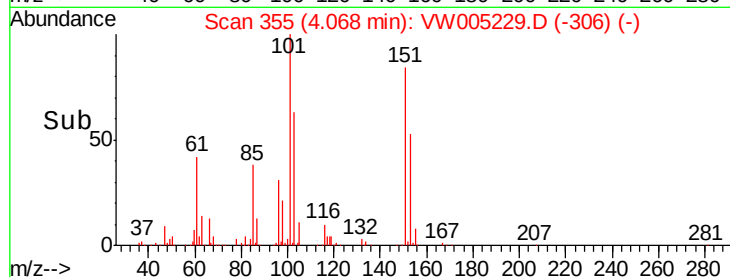
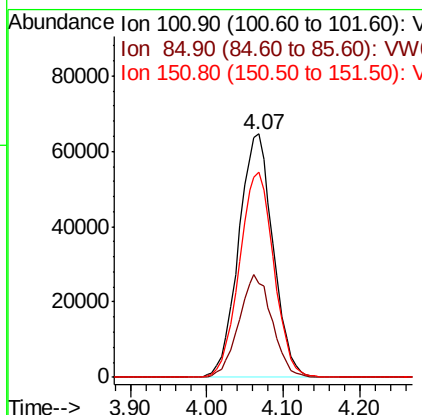
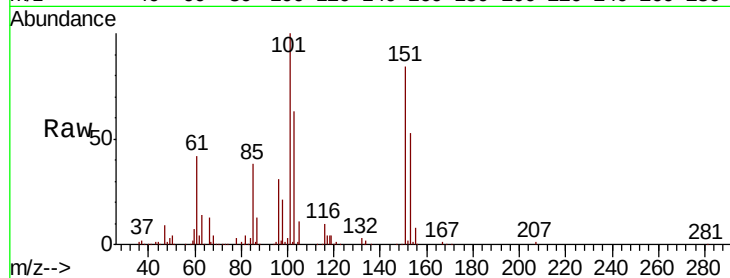
ClientSampleId :

VSTDICCC050

Tot Ion:	101	Resp:	201433
Ion Ratio	Lower	Upper	
101	100		
85	40.6	32.5	48.7
151	84.6	67.7	101.5

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#10

Methyl Iodide

Concen: 48.33 ug/l

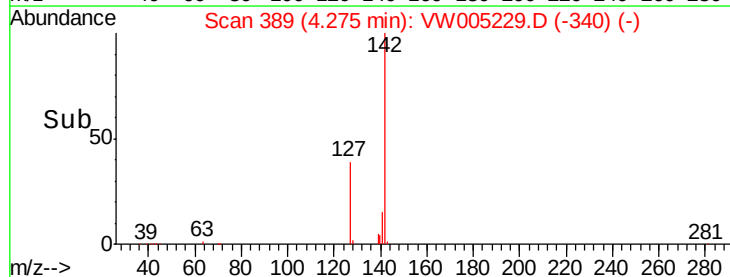
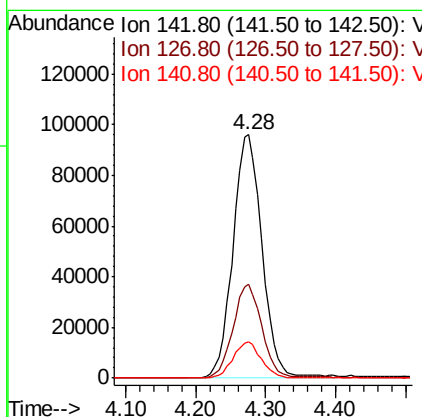
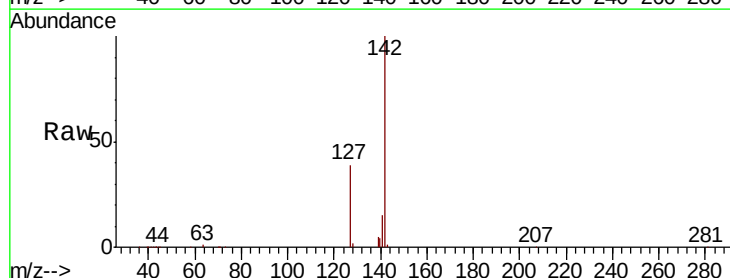
RT: 4.28 min Scan# 389

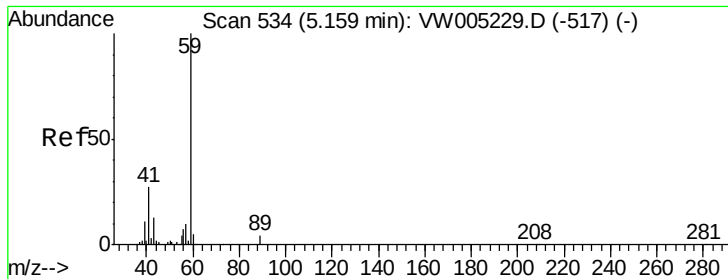
Delta R.T. 0.00 min

Lab File: VW005229.D

Acq: 08 Sep 2018 01:02

Tgt Ion:	142	Resp:	278260
Ion Ratio	Lower	Upper	
142	100		
127	38.2	30.6	45.8
141	14.5	11.6	17.4





#11

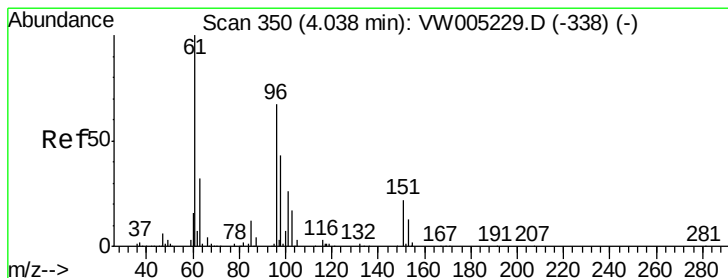
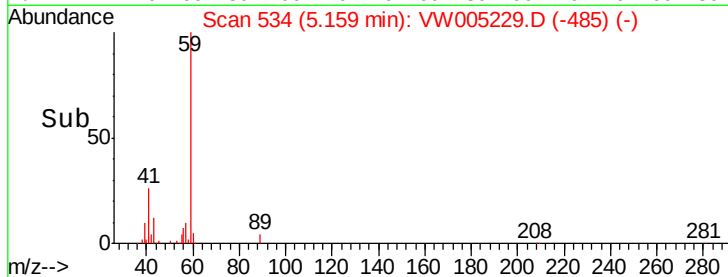
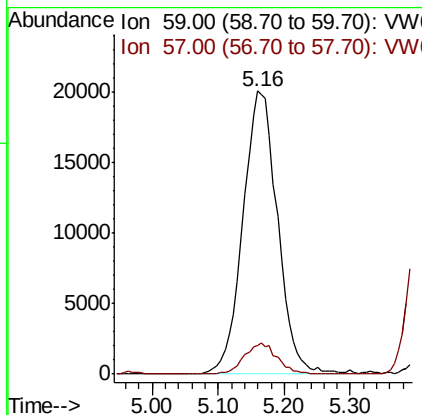
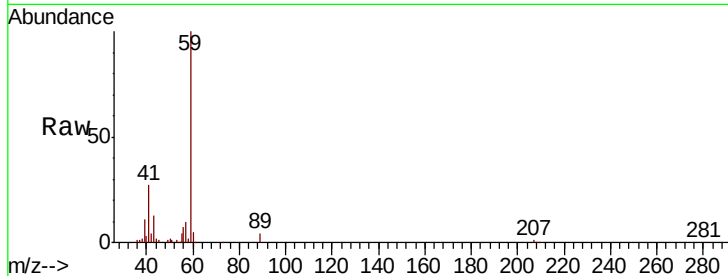
Tert butyl alcohol
 Concen: 230.77 ug/l
 RT: 5.16 min Scan# 534
 Delta R.T. 0.00 min
 Lab File: VW005229.D
 Acq: 08 Sep 2018 01:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	59	Resp	73103
Ion Ratio	100	Lower	Upper
57	10.3	8.2	12.4

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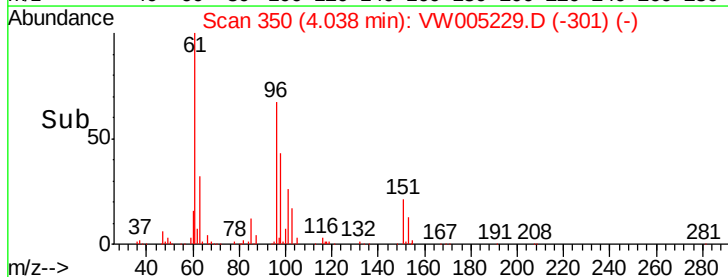
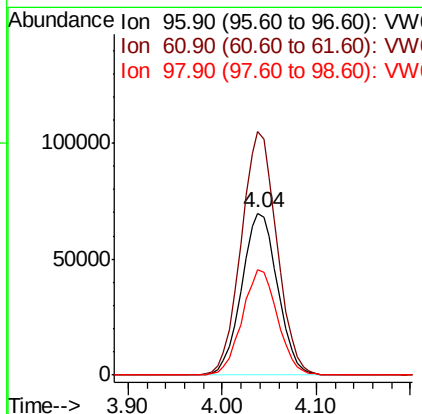
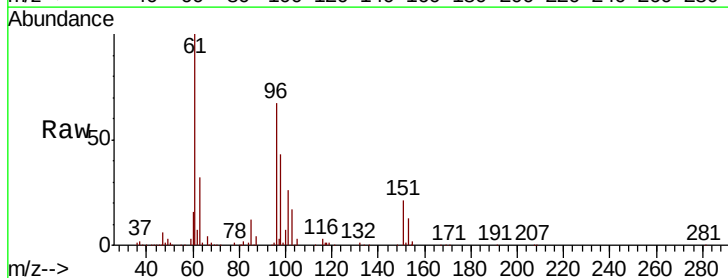
apatel
 9/10/2018 10:42:14 AM

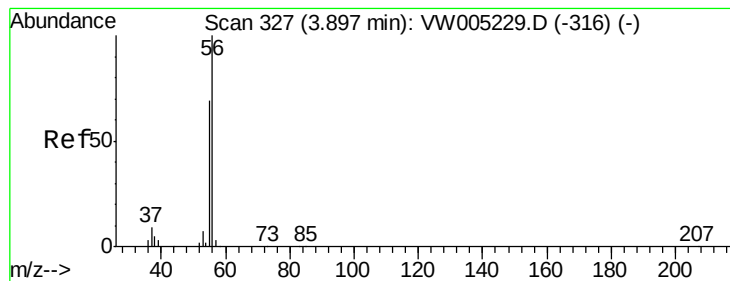


#12

1,1-Dichloroethene
 Concen: 44.77 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. 0.00 min
 Lab File: VW005229.D
 Acq: 08 Sep 2018 01:02

Tgt Ion	96	Resp	186721
Ion Ratio	100	Lower	Upper
61	150.4	120.3	180.5
98	64.9	51.9	77.9





#13

Acrolein

Concen: 249.48 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.00 min

Lab File: VW005229.D

Acq: 08 Sep 2018 01:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 56 Resp: 71798

Ion Ratio Lower Upper

56 100

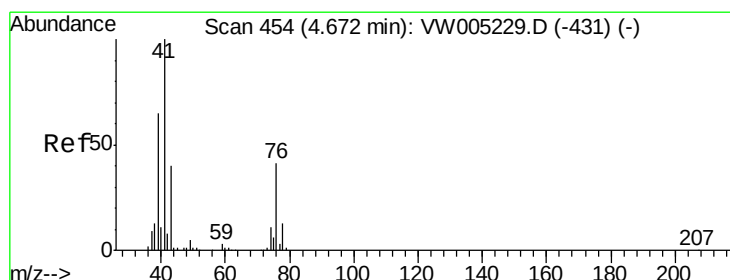
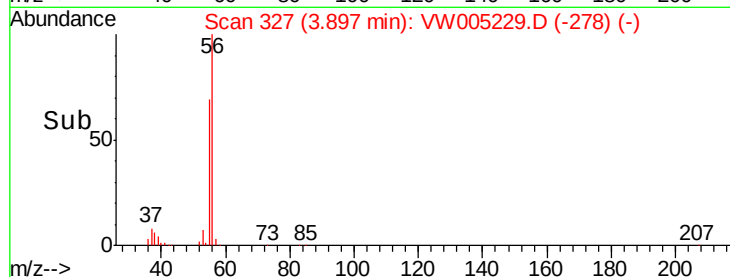
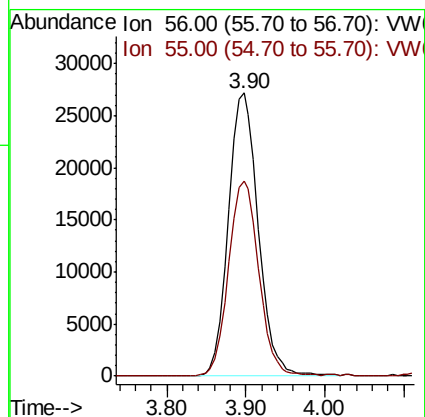
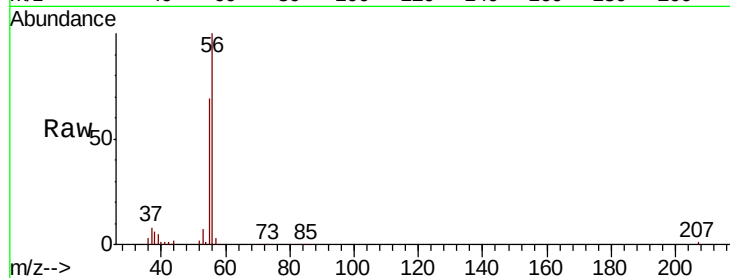
55 69.6 55.7 83.5

Manual Integrations

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#14

Allyl chloride

Concen: 45.21 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.00 min

Lab File: VW005229.D

Acq: 08 Sep 2018 01:02

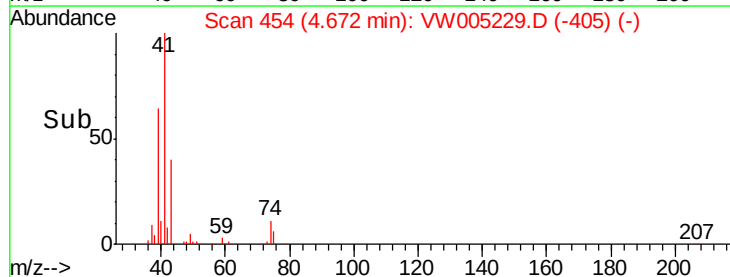
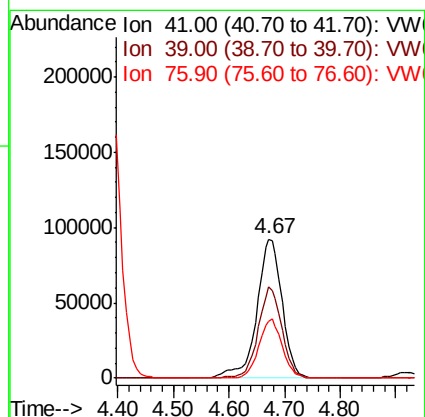
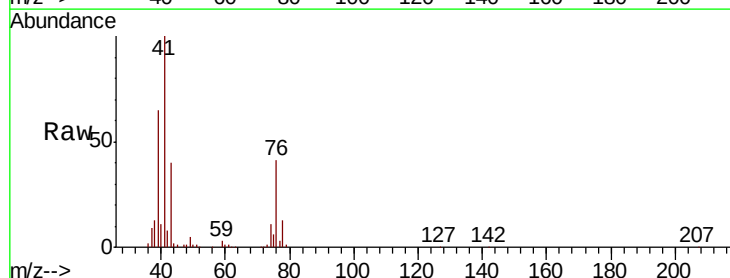
Tgt Ion: 41 Resp: 294340

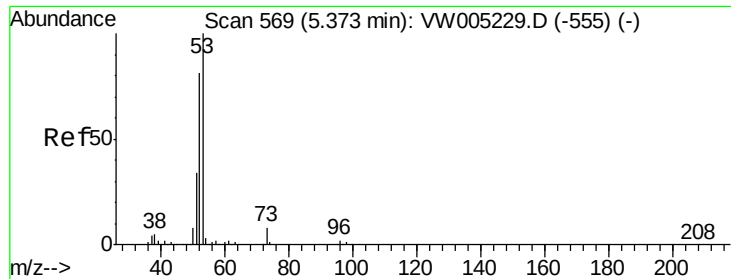
Ion Ratio Lower Upper

41 100

39 61.4 49.1 73.7

76 38.8 31.0 46.6





#15

Acrylonitrile

Concen: 250.67 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.00 min

Lab File: VW005229.D

Acq: 08 Sep 2018 01:02

Instrument :

MSVOA_W

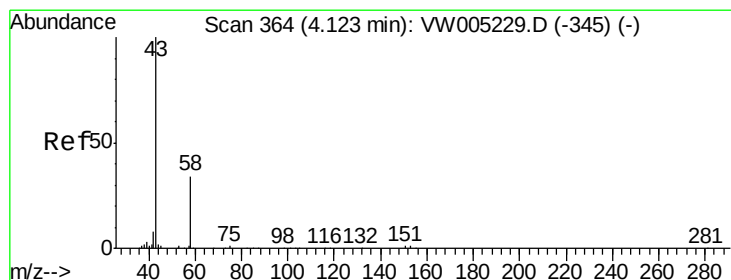
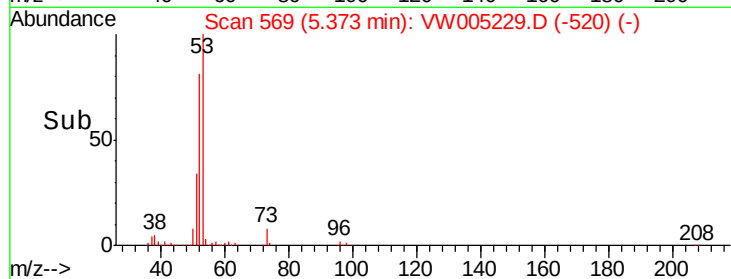
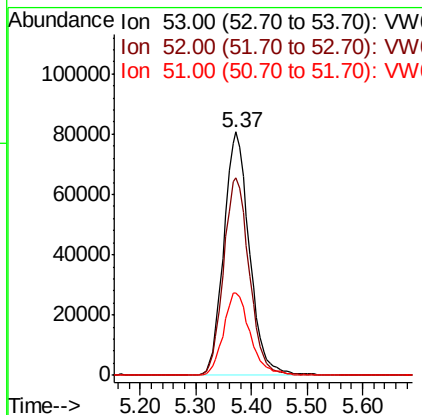
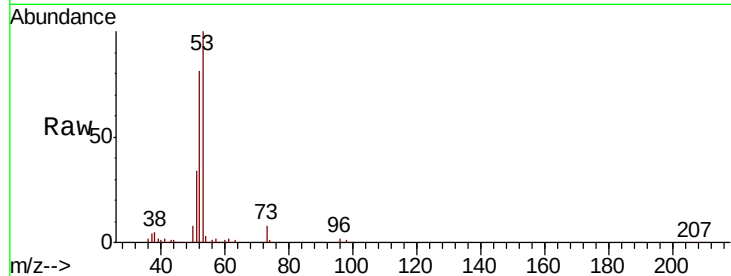
ClientSampled :

VSTDICCC050

Tot Ion:	53	Resp:	257531
Ion Ratio		Lower	Upper
53	100		
52	81.1	64.9	97.3
51	35.2	28.2	42.2

Manual Integrations
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#16

Acetone

Concen: 205.54 ug/l

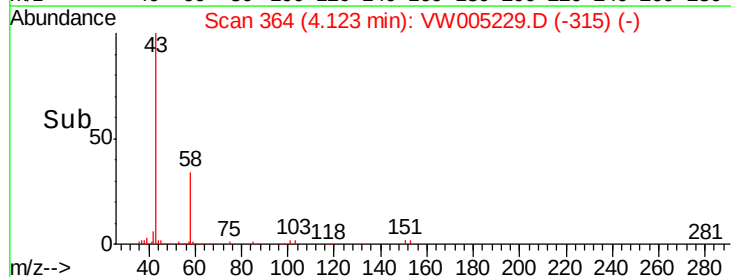
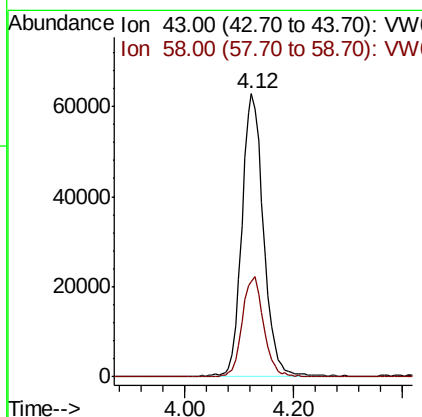
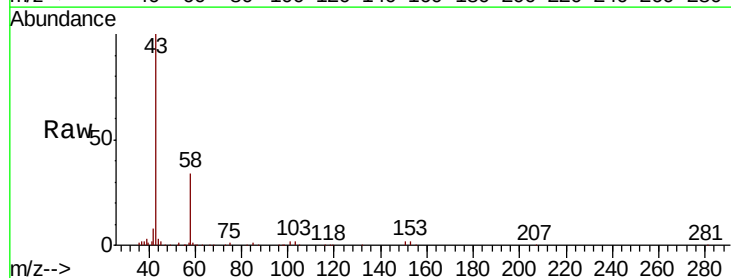
RT: 4.12 min Scan# 364

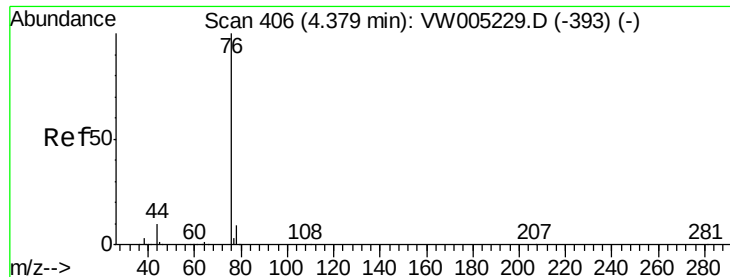
Delta R.T. 0.00 min

Lab File: VW005229.D

Acq: 08 Sep 2018 01:02

Tgt Ion:	43	Resp:	174963
Ion Ratio		Lower	Upper
43	100		
58	33.7	27.0	40.4





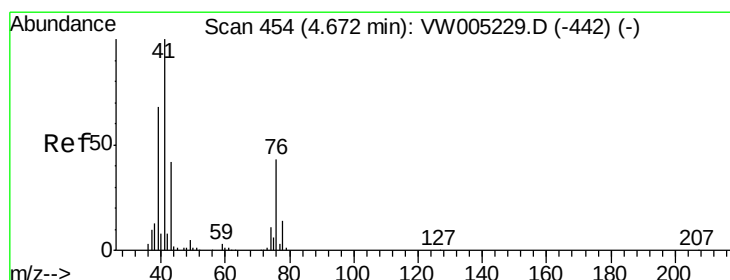
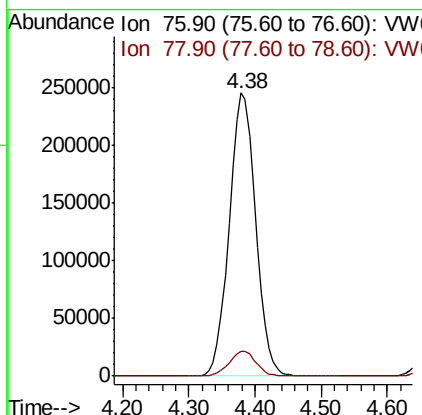
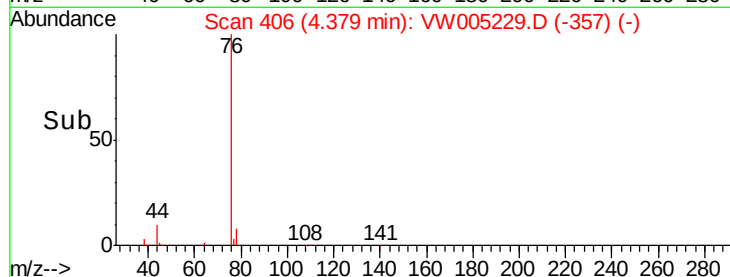
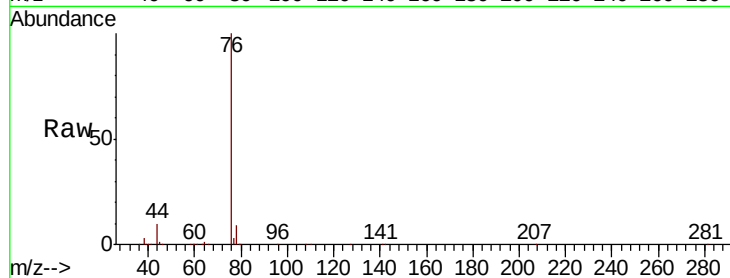
#17
Carbon Disulfide
Concen: 46.55 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.00 min
Lab File: VW005229.D
Acq: 08 Sep 2018 01:02

Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.1	10.7

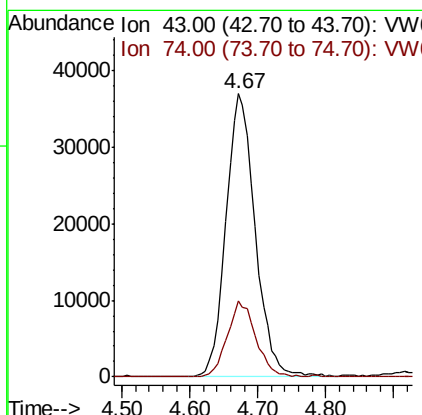
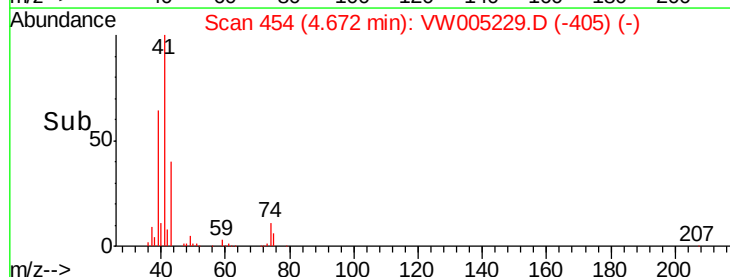
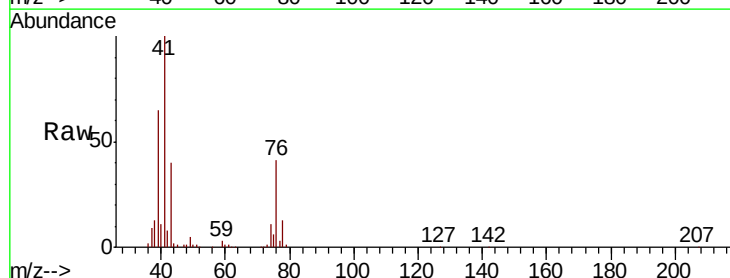
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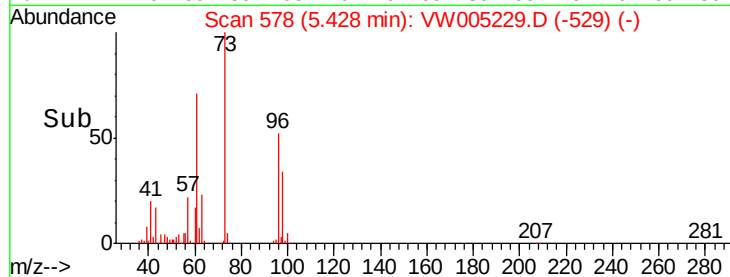
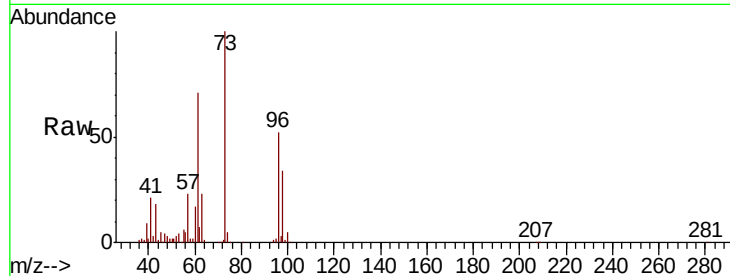
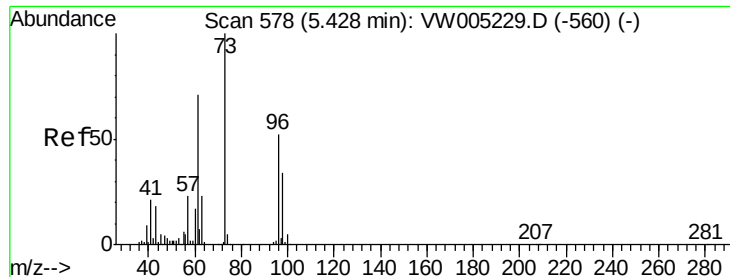
apatel
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#18
Methyl Acetate
Concen: 43.50 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.00 min
Lab File: VW005229.D
Acq: 08 Sep 2018 01:02

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.0	20.8	31.2





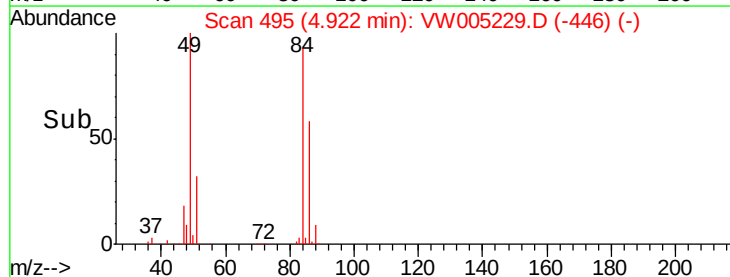
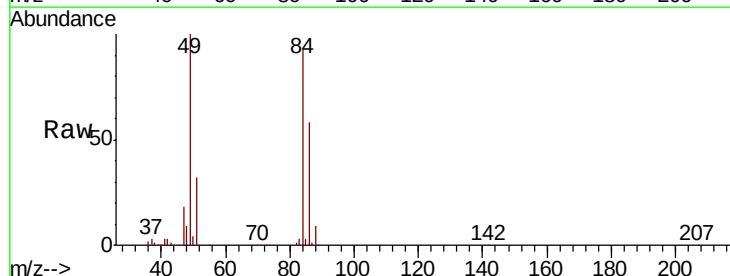
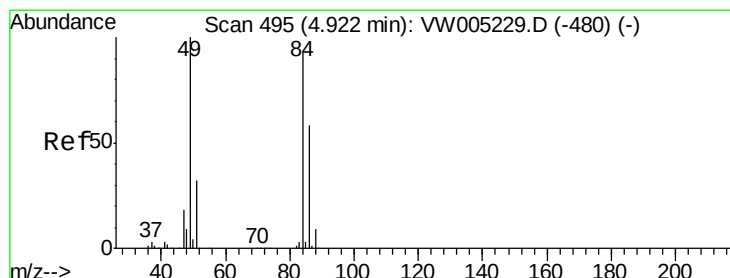
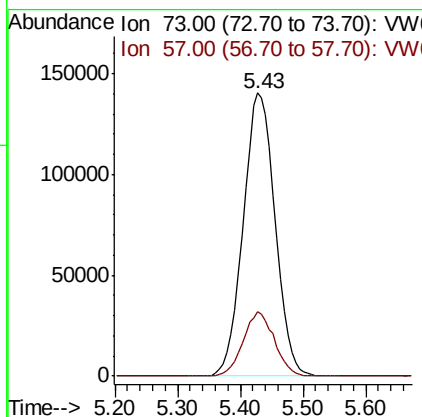
#19
Methyl tert-butyl Ether
Concen: 48.30 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.00 min
Lab File: VW005229.D
Acq: 08 Sep 2018 01:02

Tot Ion	73	Resp	493307
Ion Ratio	100	Lower	Upper
73	100	18.2	27.2
57	22.7		

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

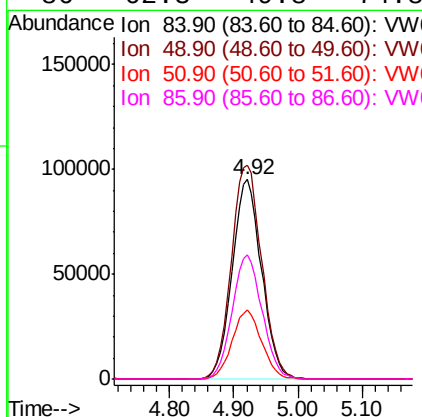
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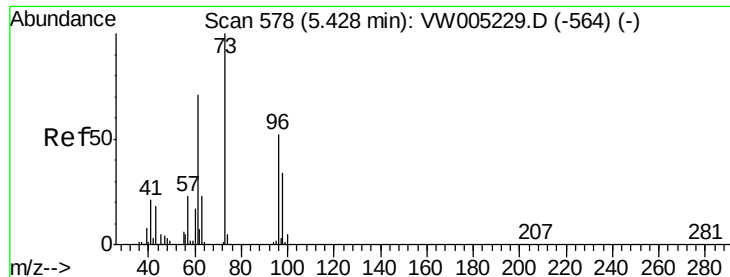
apatel
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#20
Methylene Chloride
Concen: 42.41 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW005229.D
Acq: 08 Sep 2018 01:02

Tgt Ion	84	Resp	301922
Ion Ratio	100	Lower	Upper
84	100	85.8	128.6
49	107.2	27.7	41.5
51	34.6		
86	62.3	49.8	74.8





#21

trans-1,2-Dichloroethene

Concen: 44.07 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.00 min

Lab File: VW005229.D

Acq: 08 Sep 2018 01:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 96 Resp: 223759

Ion Ratio Lower Upper

96 100

61 135.3 108.2 162.4

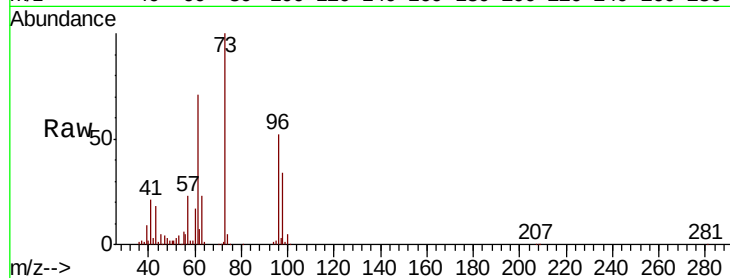
98 64.9 51.9 77.9

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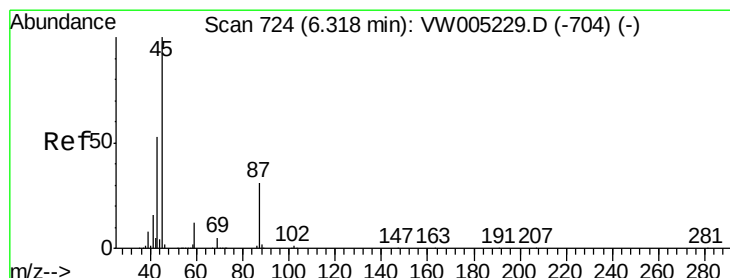
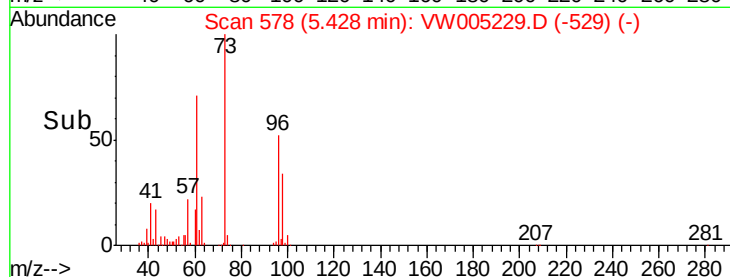
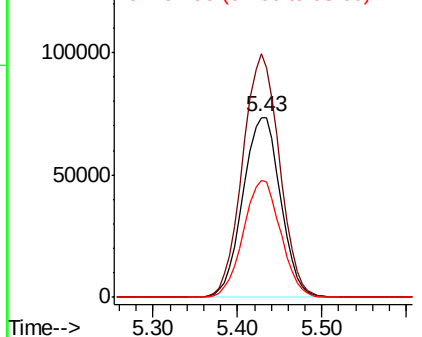
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Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 48.09 ug/l

RT: 6.32 min Scan# 724

Delta R.T. 0.00 min

Lab File: VW005229.D

Acq: 08 Sep 2018 01:02

Tgt Ion: 45 Resp: 659984

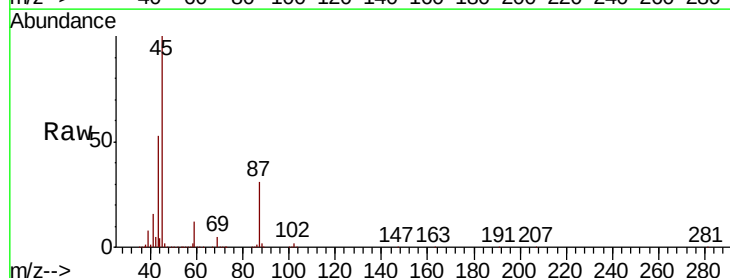
Ion Ratio Lower Upper

45 100

43 53.1 42.5 63.7

87 30.9 24.7 37.1

59 12.2 9.8 14.6

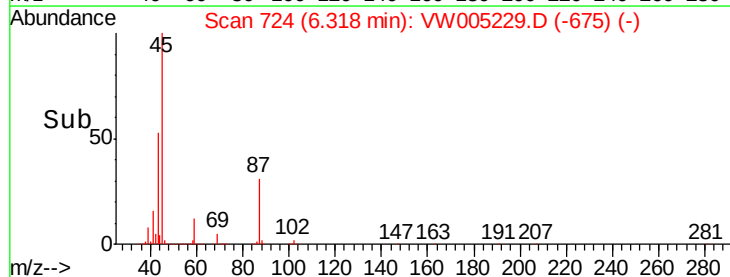
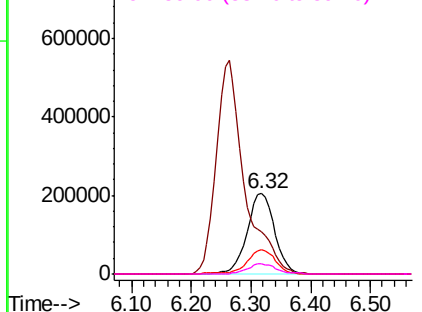


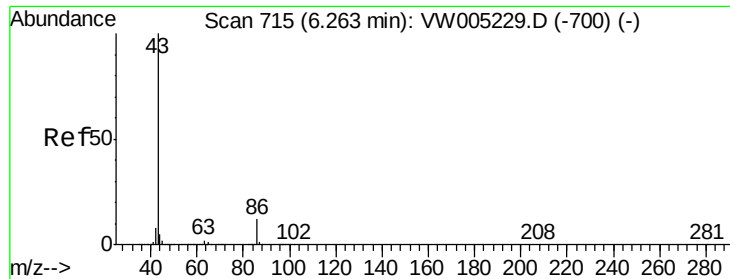
Abundance Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 246.90 ug/l

RT: 6.26 min Scan# 715

Delta R.T. 0.00 min

Lab File: VW005229.D

Acq: 08 Sep 2018 01:02

Tot Ion: 43 Resp: 1790199

Ion Ratio Lower Upper

43 100

86 11.6 9.3 13.9

Instrument :

MSVOA_W

ClientSampled :

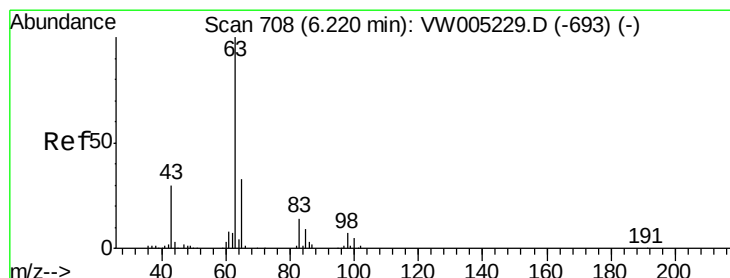
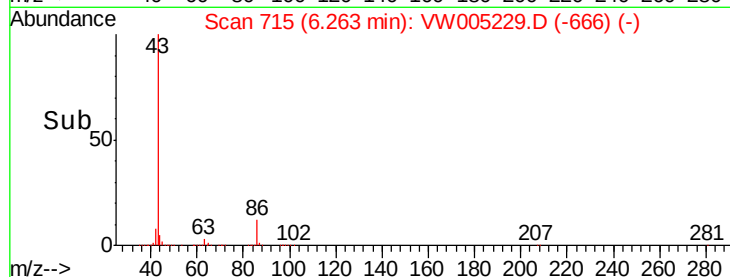
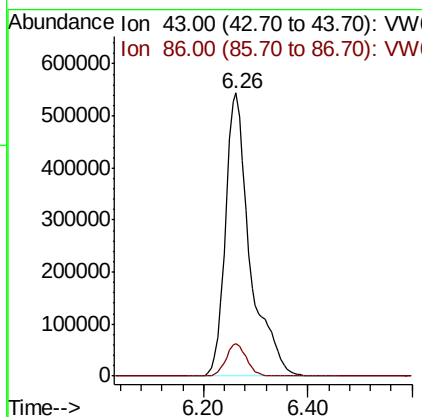
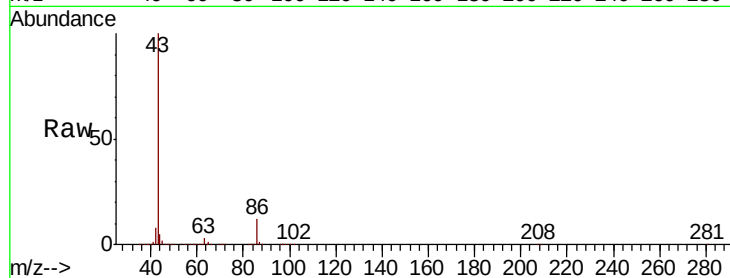
VSTDICCC050

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#24

1,1-Dichloroethane

Concen: 43.67 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW005229.D

Acq: 08 Sep 2018 01:02

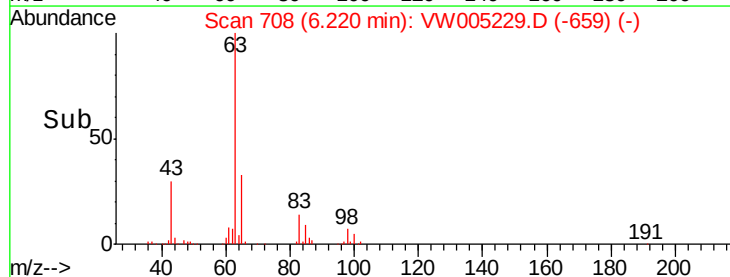
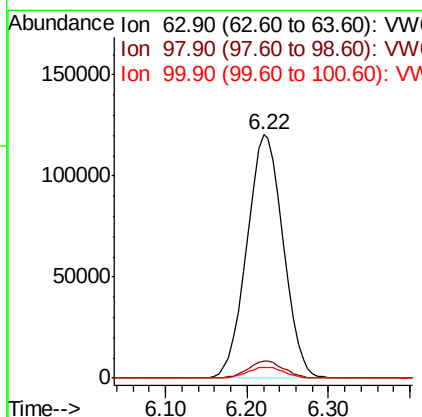
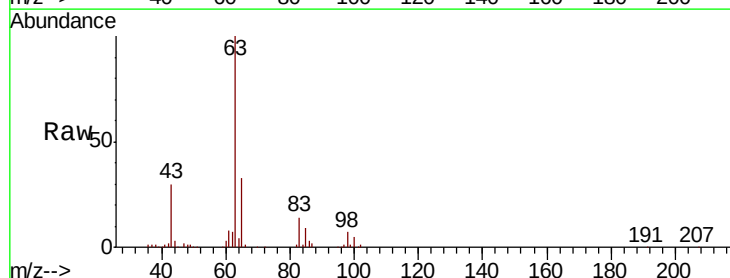
Tgt Ion: 63 Resp: 373285

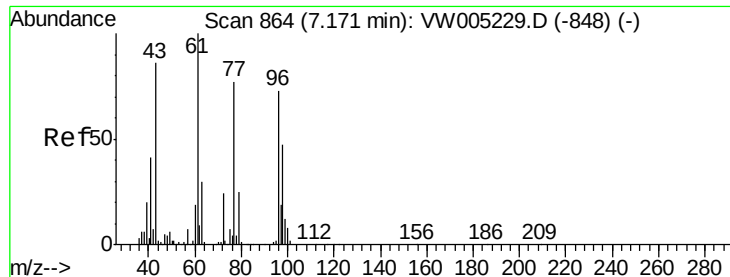
Ion Ratio Lower Upper

63 100

98 6.9 3.5 10.4

100 4.5 2.3 6.8





#25

2-Butanone

Concen: 196.86 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW005229.D

Acq: 08 Sep 2018 01:02

Instrument :

MSVOA_W

ClientSampled :

VSTDICCC050

Tot Ion: 43 Resp: 287983

Ion Ratio Lower Upper

43 100

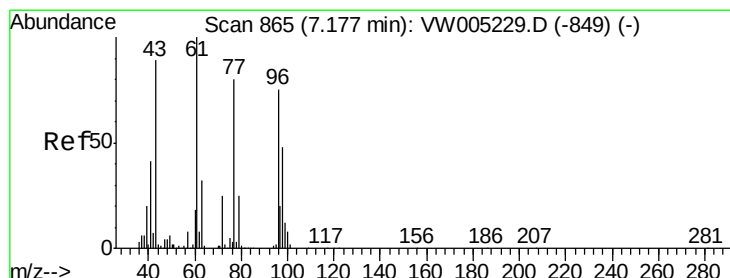
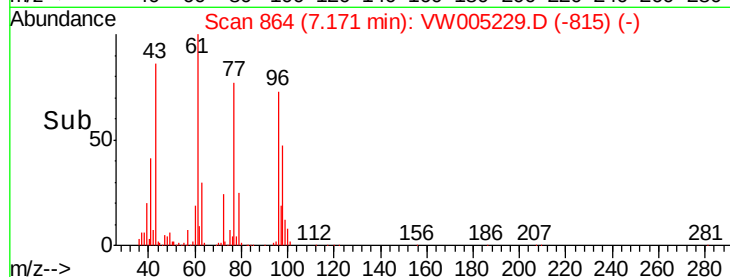
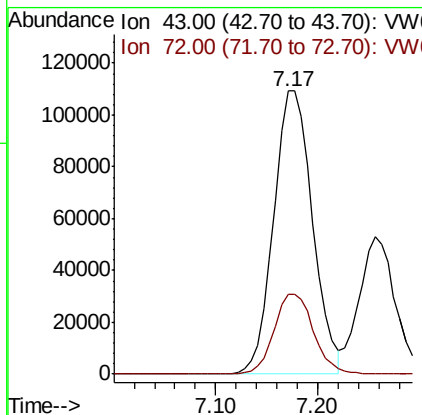
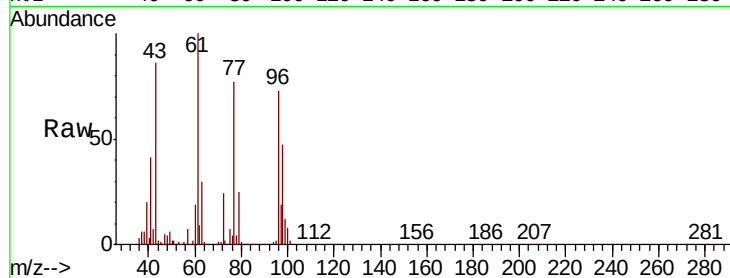
72 28.2 22.6 33.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 41.38 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.00 min

Lab File: VW005229.D

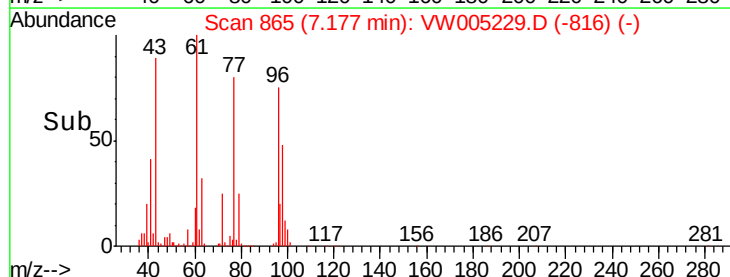
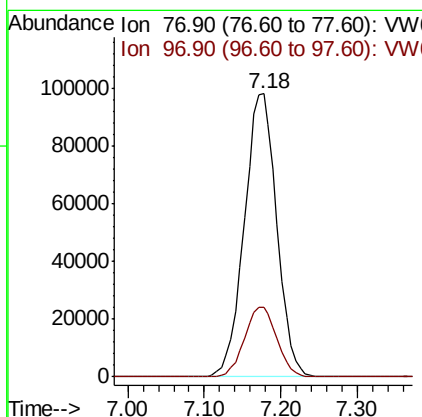
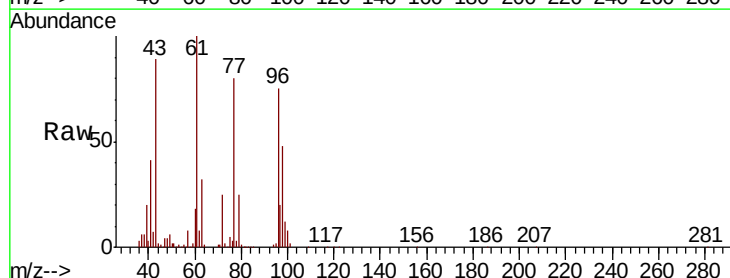
Acq: 08 Sep 2018 01:02

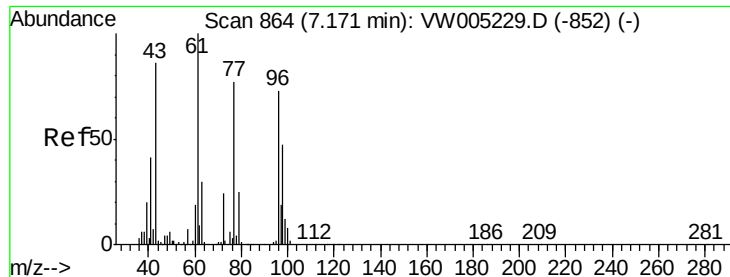
Tgt Ion: 77 Resp: 288673

Ion Ratio Lower Upper

77 100

97 24.6 12.3 36.9





#27

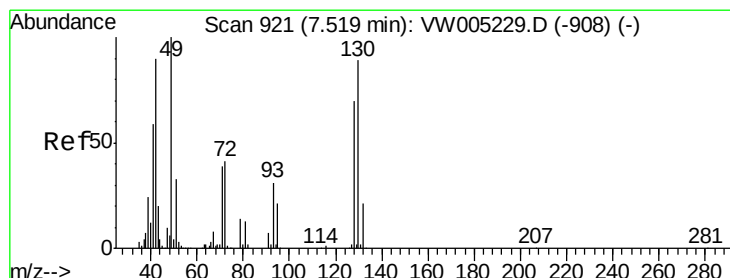
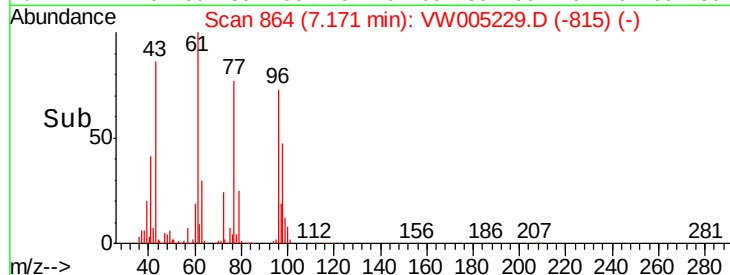
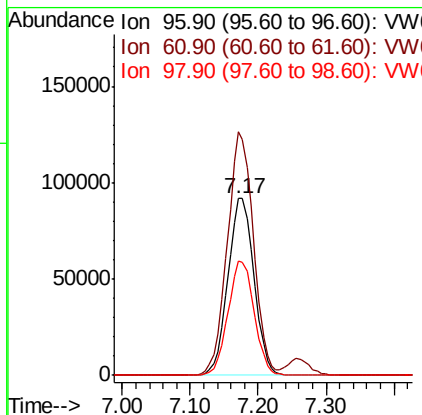
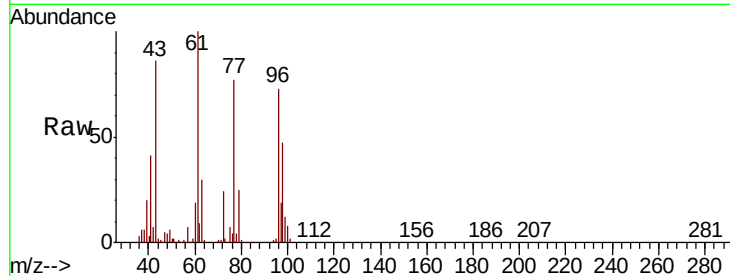
cis-1,2-Dichloroethene
 Concen: 44.04 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VW005229.D
 Acq: 08 Sep 2018 01:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	137.3	0.0	274.6
98	64.8	0.0	129.6

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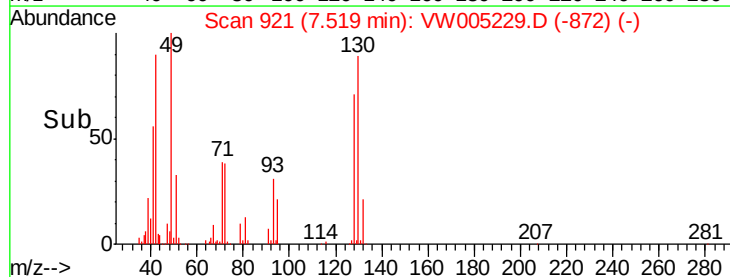
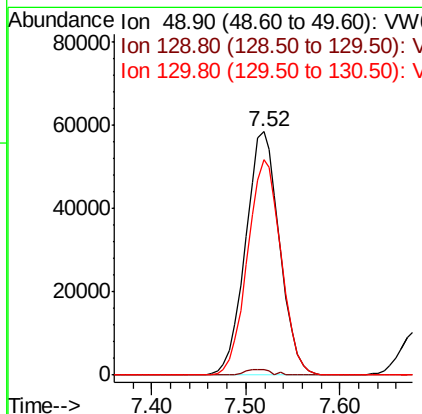
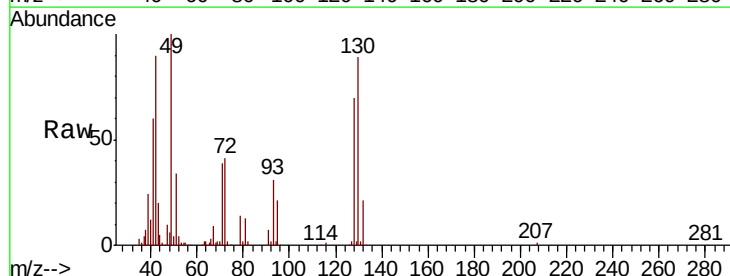
apatel
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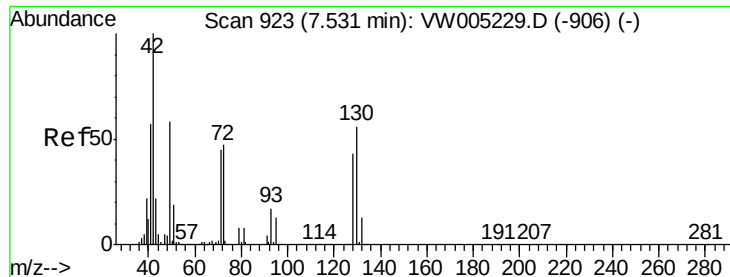


#28

Bromochloromethane
 Concen: 42.96 ug/l
 RT: 7.52 min Scan# 921
 Delta R.T. 0.00 min
 Lab File: VW005229.D
 Acq: 08 Sep 2018 01:02

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.0
130	87.5	70.0	105.0





#29

Tetrahydrofuran

Concen: 253.60 ug/l

RT: 7.53 min Scan# 923

Delta R.T. 0.00 min

Lab File: VW005229.D

Acq: 08 Sep 2018 01:02

Instrument :

MSVOA_W

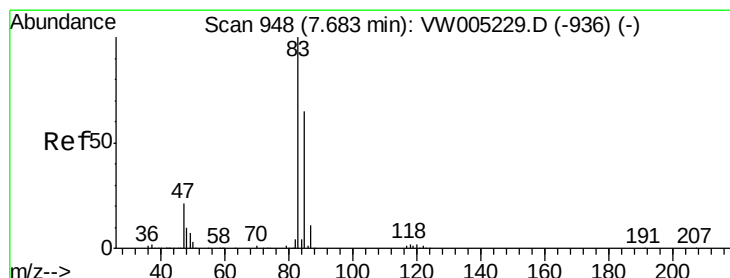
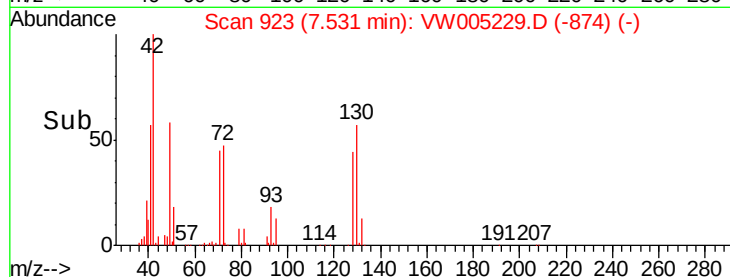
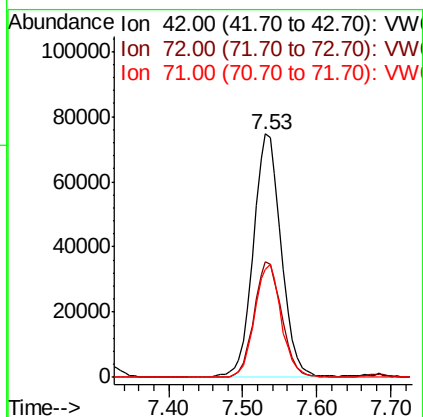
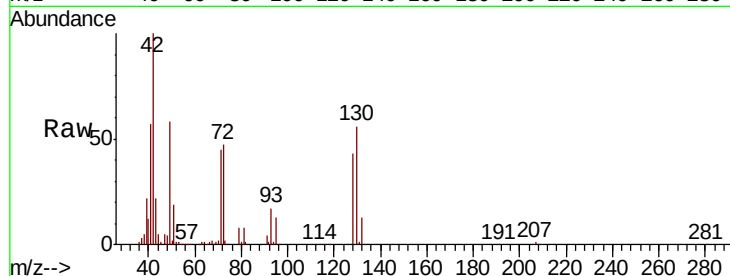
ClientSampleId :

VSTDICCC050

Tot Ion:	42	Resp:	196597
Ion	Ratio	Lower	Upper
42	100		
72	46.8	37.4	56.2
71	44.4	35.5	53.3

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#30

Chloroform

Concen: 43.06 ug/l

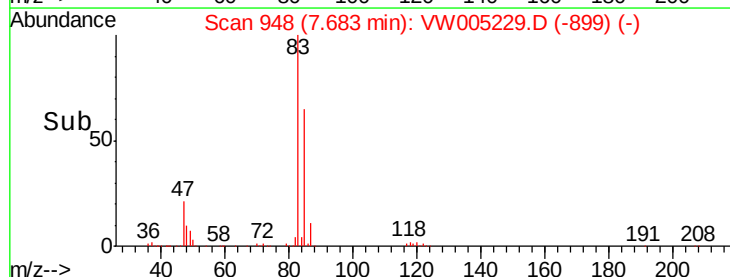
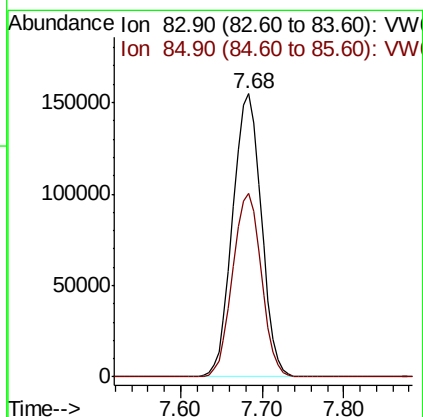
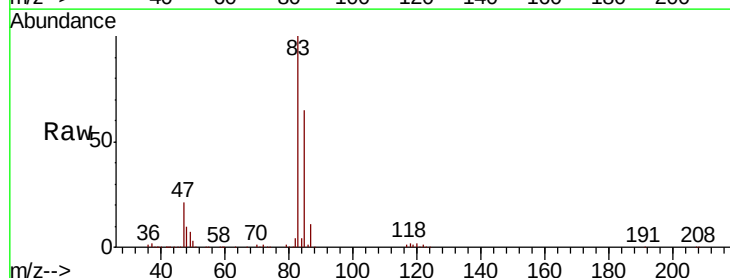
RT: 7.68 min Scan# 948

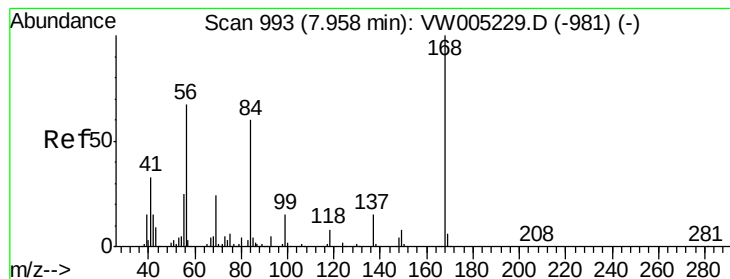
Delta R.T. 0.00 min

Lab File: VW005229.D

Acq: 08 Sep 2018 01:02

Tgt Ion:	83	Resp:	375666
Ion	Ratio	Lower	Upper
83	100		
85	64.9	51.9	77.9





#31

Cyclohexane

Concen: 47.20 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW005229.D

Acq: 08 Sep 2018 01:02

Instrument :

MSVOA_W

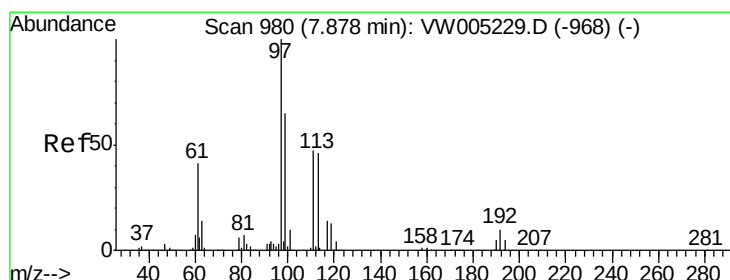
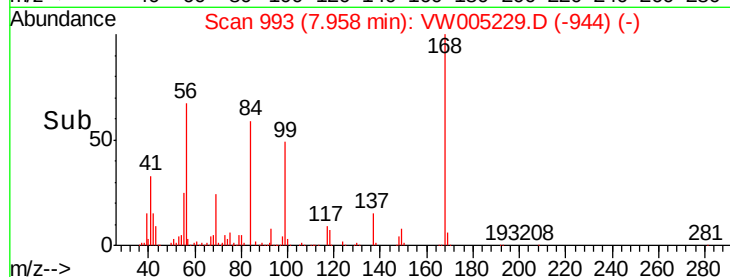
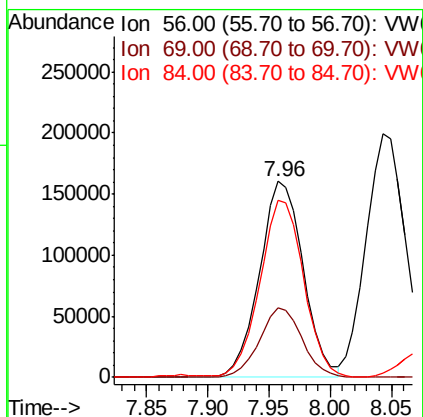
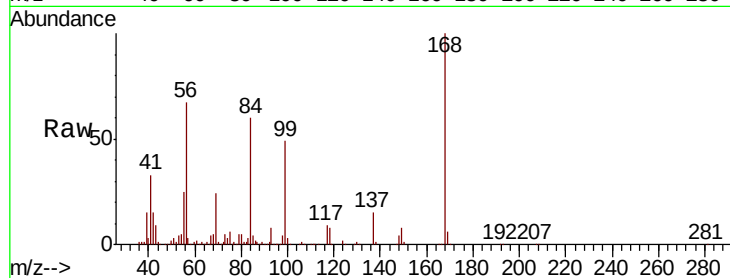
ClientSampled :

VSTDICCC050

Tot Ion:	56	Resp:	398827
Ion	Ratio	Lower	Upper
56	100		
69	35.3	28.2	42.4
84	89.1	71.3	106.9

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#32

1,1,1-Trichloroethane

Concen: 45.02 ug/l

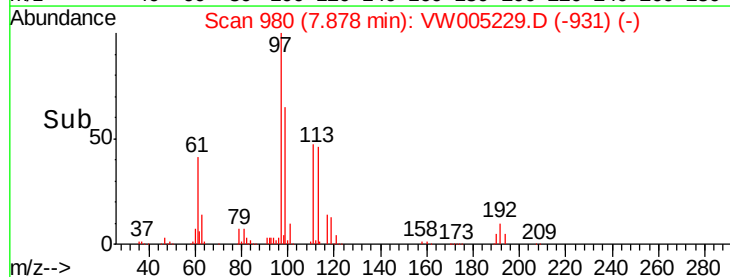
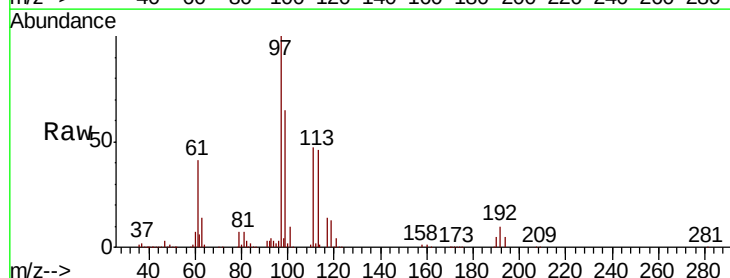
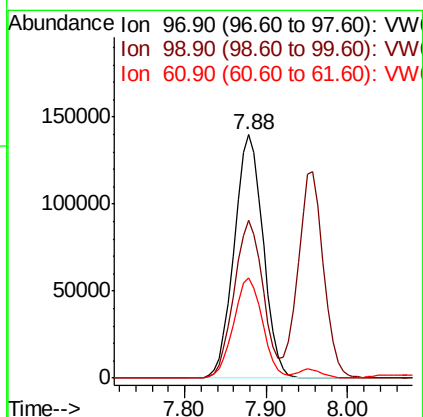
RT: 7.88 min Scan# 980

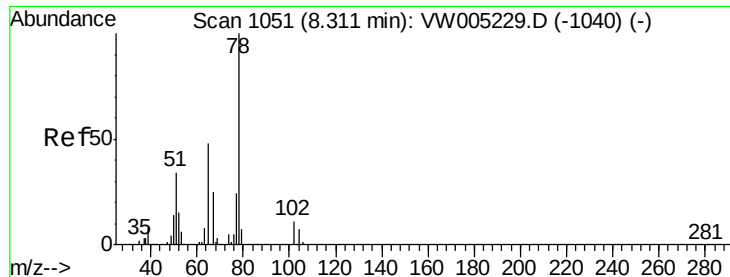
Delta R.T. 0.00 min

Lab File: VW005229.D

Acq: 08 Sep 2018 01:02

Tgt Ion:	97	Resp:	342370
Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.8	77.6
61	41.2	33.0	49.4





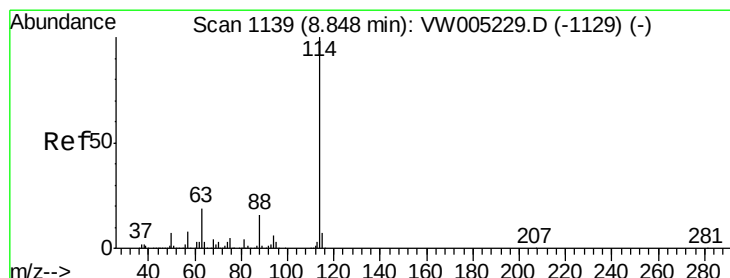
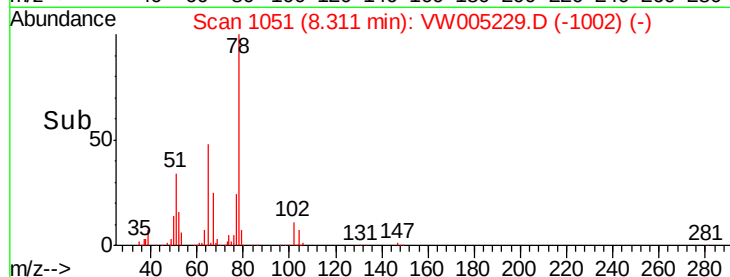
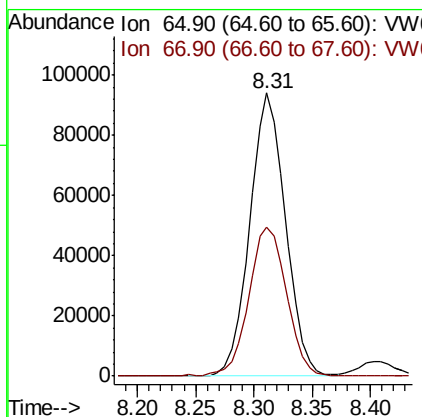
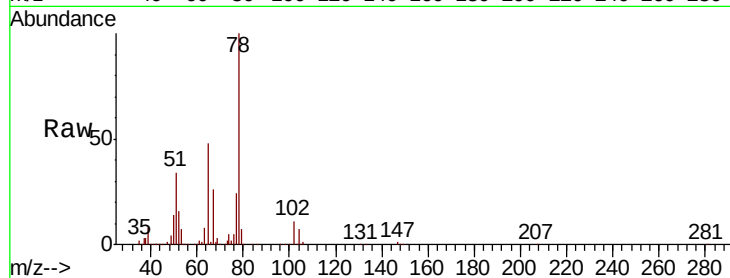
#33
 1,2-Dichloroethane-d4
 Concen: 45.94 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW005229.D
 Acq: 08 Sep 2018 01:02

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	200030		
67	55.6	0.0	111.2	

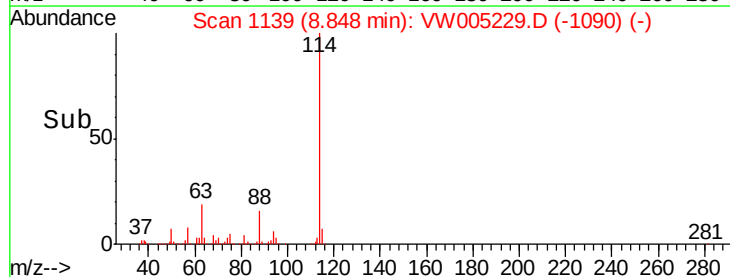
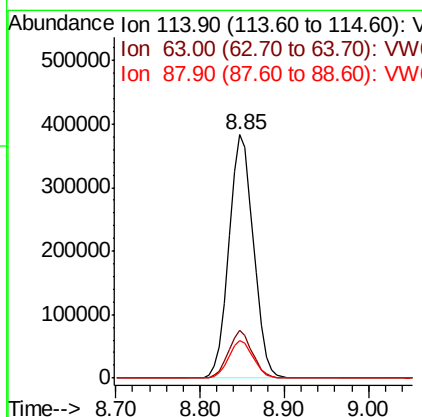
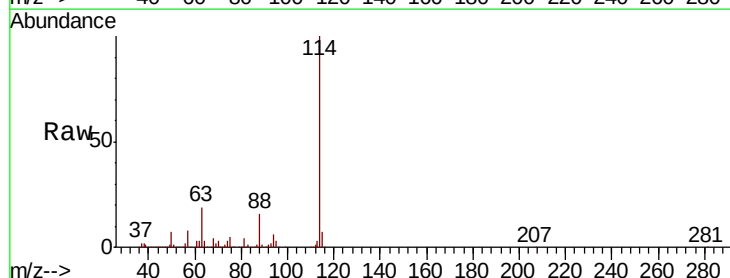
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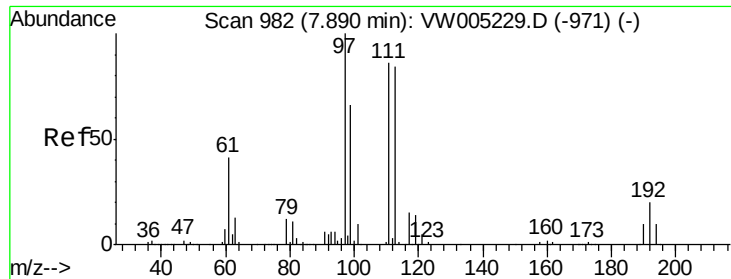
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW005229.D
 Acq: 08 Sep 2018 01:02

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	756920		
63	19.4	0.0	38.8	
88	15.6	0.0	31.2	





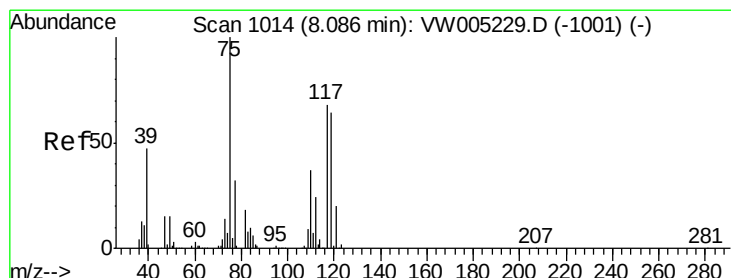
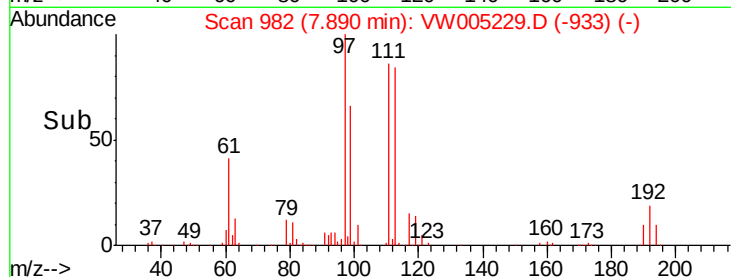
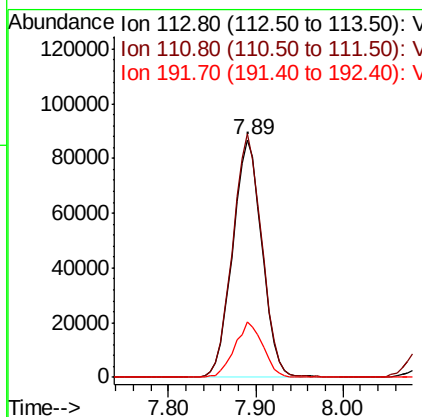
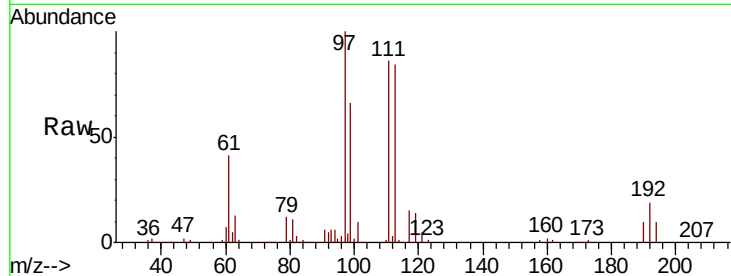
#35
 Dibromofluoromethane
 Concen: 46.43 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW005229.D
 Acq: 08 Sep 2018 01:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	201818		
111	102.5	82.0	123.0	
192	22.5	18.0	27.0	

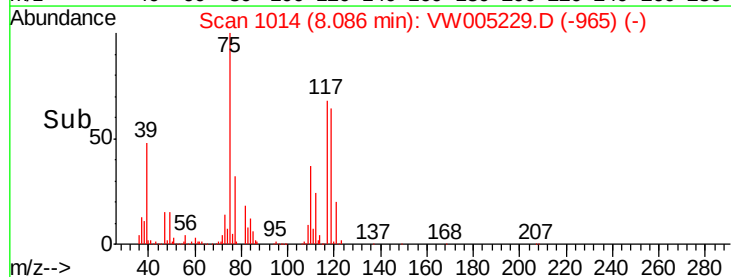
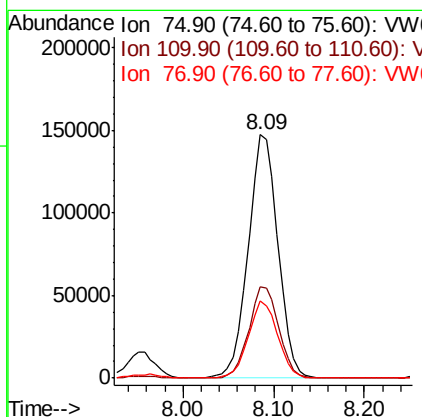
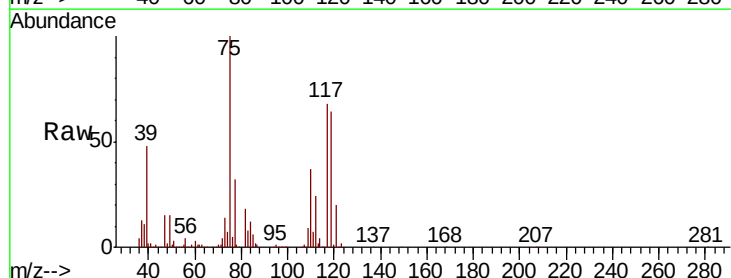
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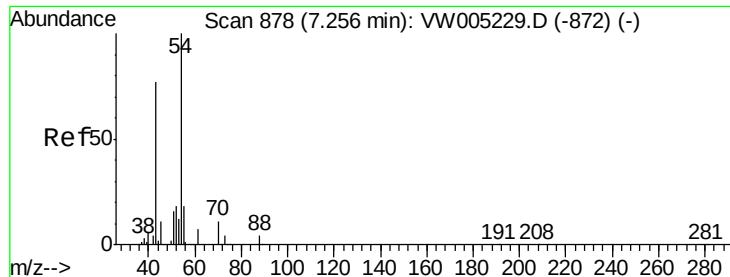
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#36
 1,1-Dichloropropene
 Concen: 47.11 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: VW005229.D
 Acq: 08 Sep 2018 01:02

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	333189		
110	37.6	18.8	56.4	
77	31.5	25.2	37.8	





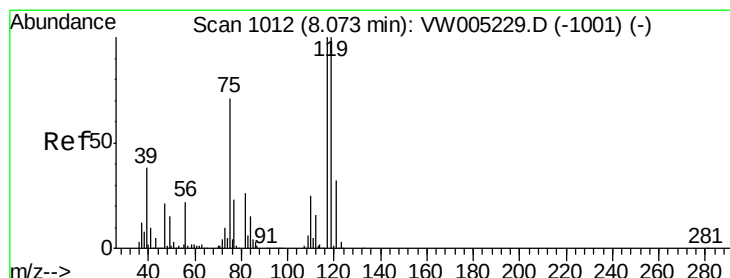
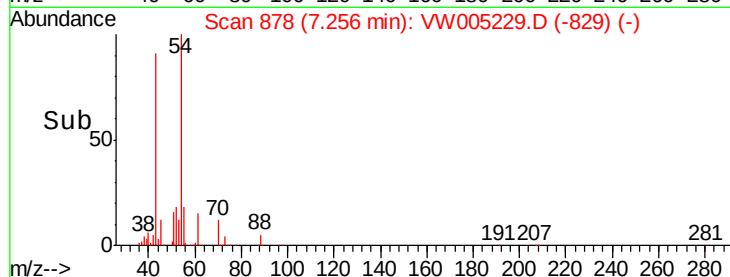
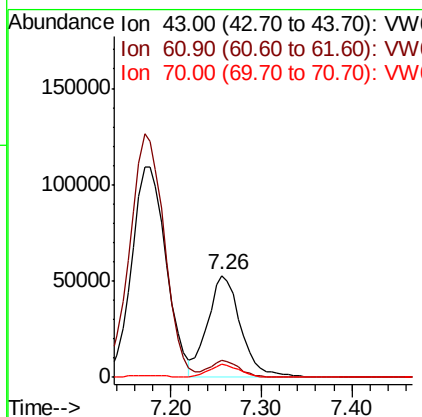
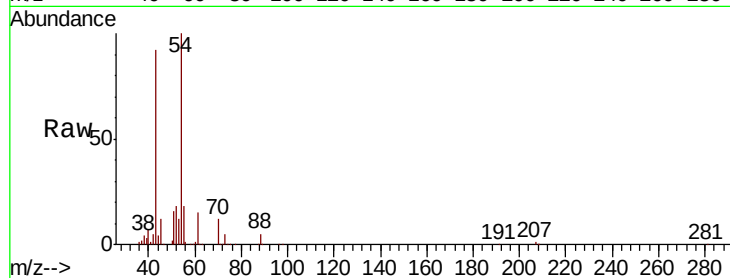
#37
Ethyl Acetate
Concen: 49.72 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW005229.D
Acq: 08 Sep 2018 01:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.3	11.4	17.2
70	12.0	9.6	14.4

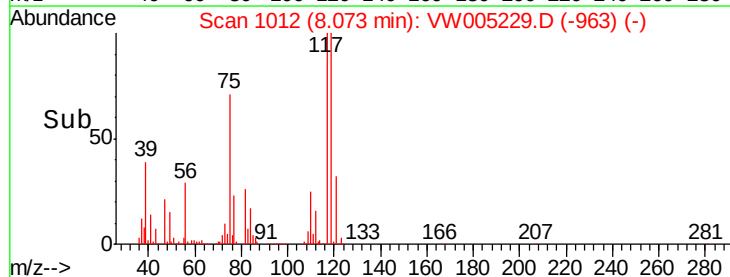
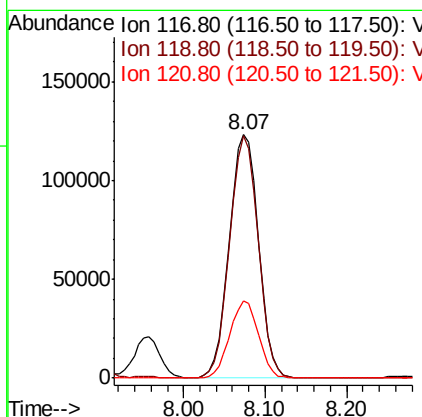
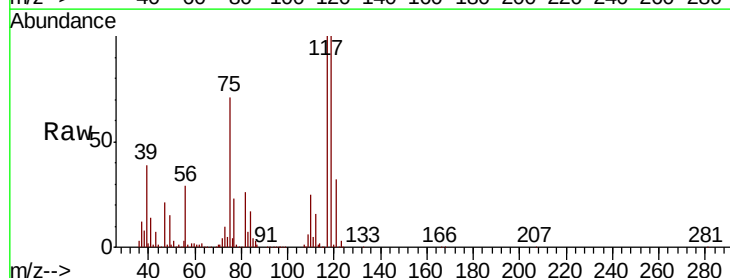
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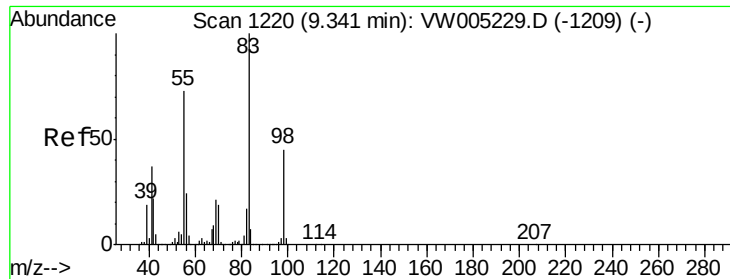
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#38
Carbon Tetrachloride
Concen: 45.37 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VW005229.D
Acq: 08 Sep 2018 01:02

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.6	79.7	119.5
121	31.7	25.4	38.0





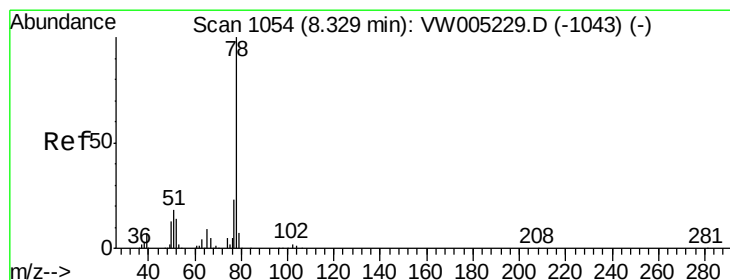
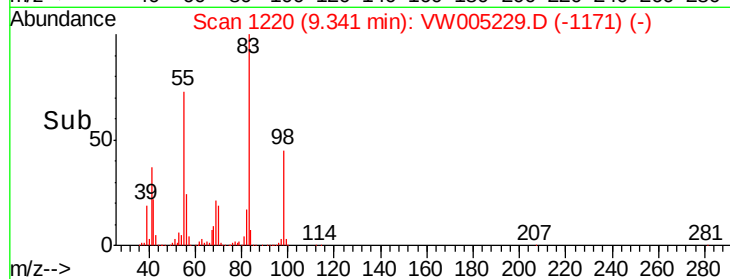
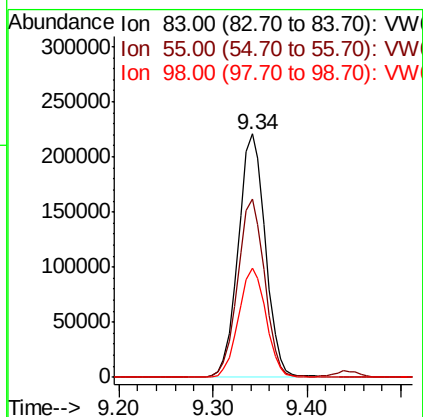
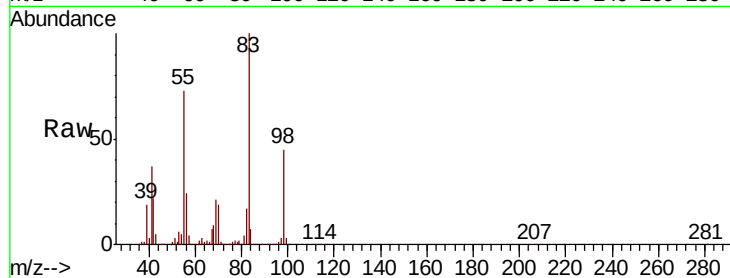
#39
Methylvlcyclohexane
Concen: 51.36 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. 0.00 min
Lab File: VW005229.D
Acq: 08 Sep 2018 01:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.4	58.7	88.1
98	45.1	36.1	54.1

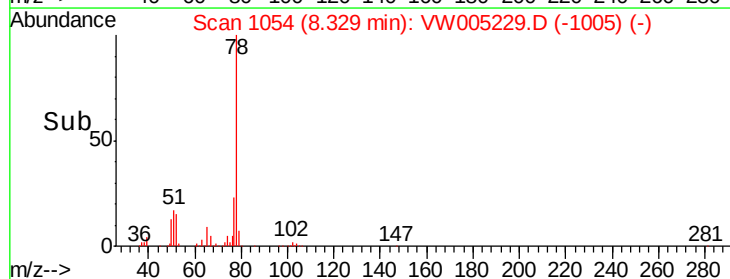
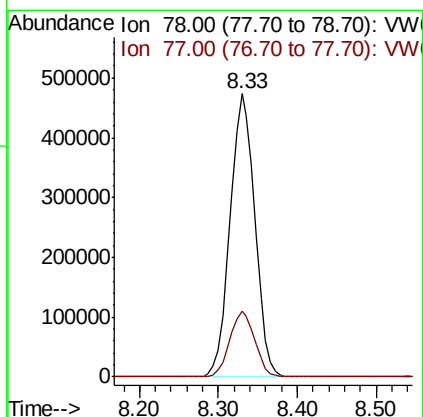
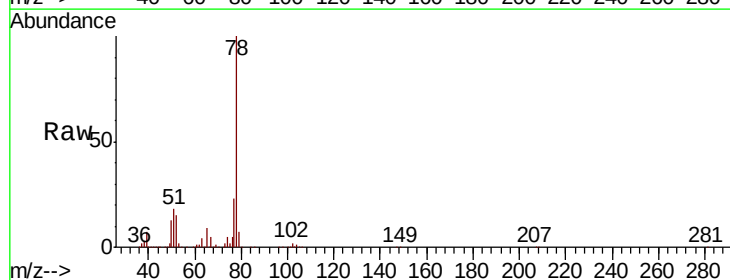
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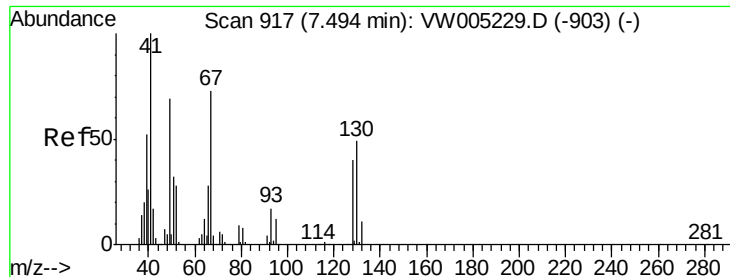
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#40
Benzene
Concen: 47.73 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW005229.D
Acq: 08 Sep 2018 01:02

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.2	18.6	27.8





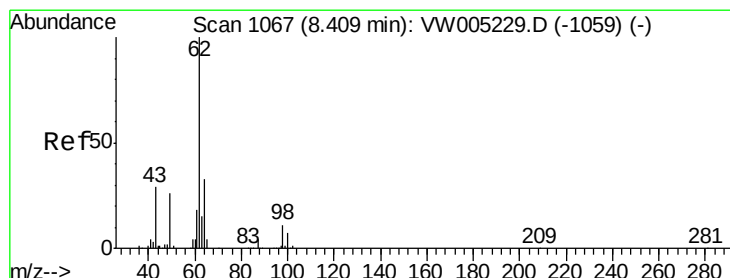
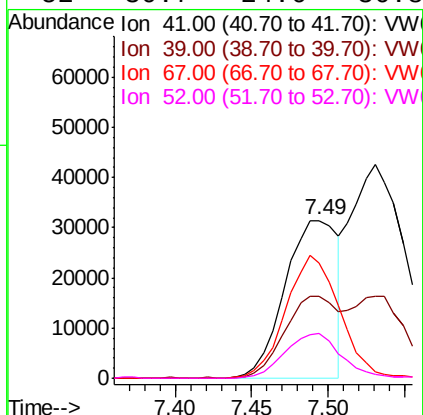
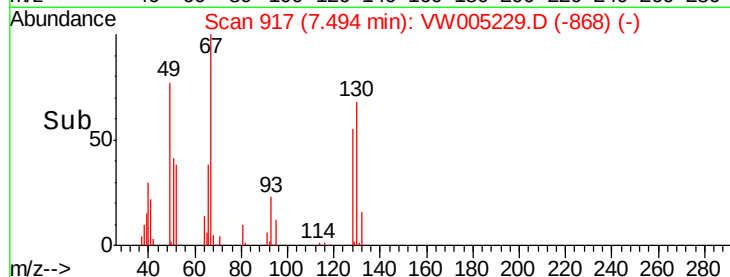
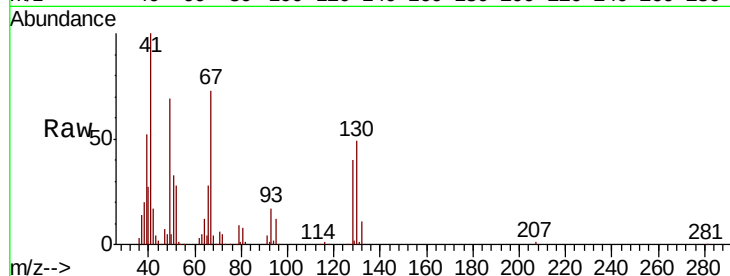
#41
Methacrylonitrile
Concen: 49.15 ug/l
RT: 7.49 min Scan# 917
Delta R.T. 0.00 min
Lab File: VW005229.D
Acq: 08 Sep 2018 01:02

Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	51.0	40.8	61.2
67	79.5	63.6	95.4
52	30.7	24.6	36.8

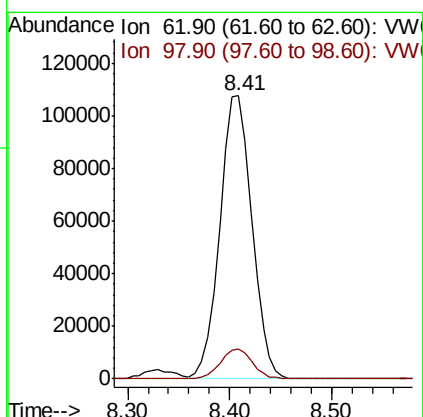
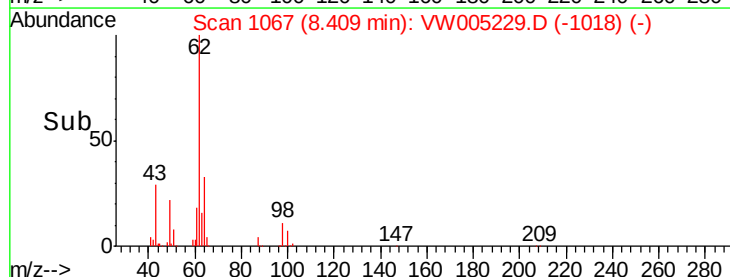
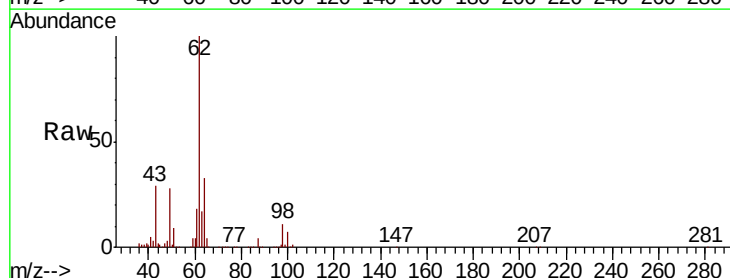
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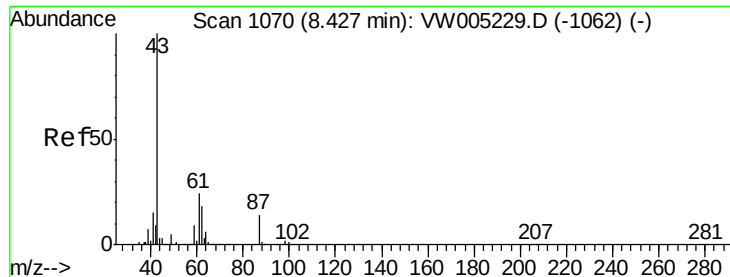
apatel
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#42
1,2-Dichloroethane
Concen: 44.42 ug/l
RT: 8.41 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VW005229.D
Acq: 08 Sep 2018 01:02

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	21.0





#43

Isopropyl Acetate

Concen: 51.36 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW005229.D

Acq: 08 Sep 2018 01:02

Instrument :

MSVOA_W

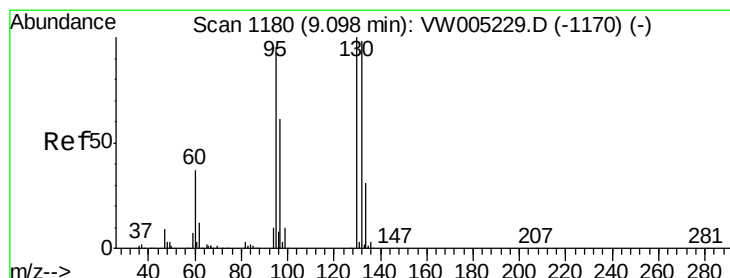
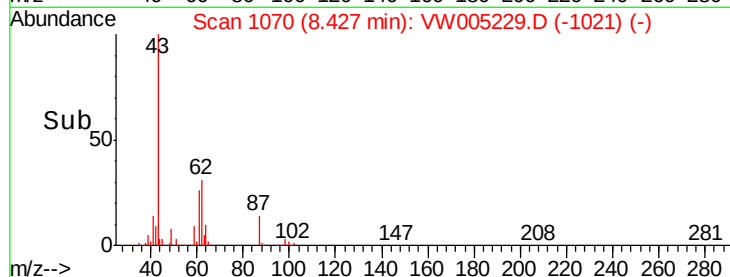
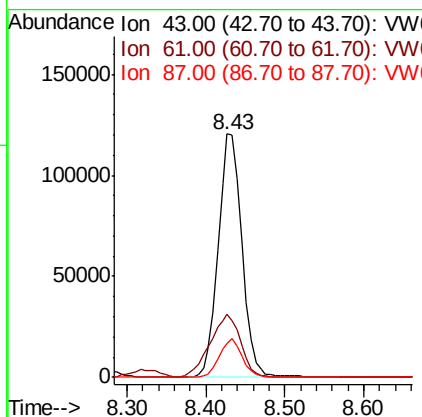
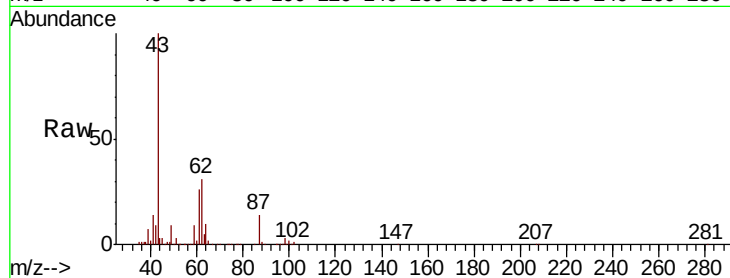
ClientSampleId :

VSTDICCC050

Tot Ion:	43	Resp:	251970
Ion	Ratio	Lower	Upper
43	100		
61	33.2	26.6	39.8
87	15.2	12.2	18.2

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#44

Trichloroethene

Concen: 46.44 ug/l

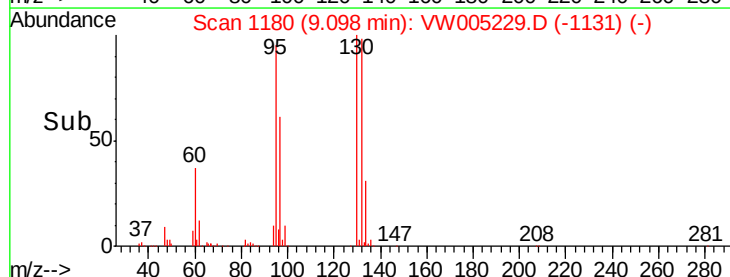
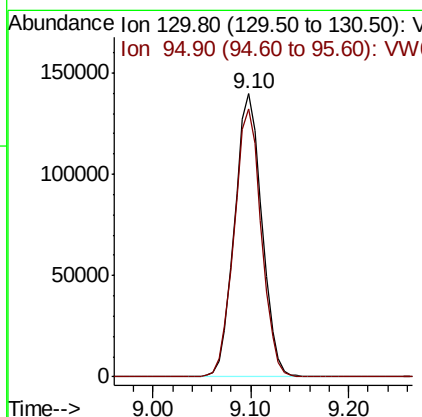
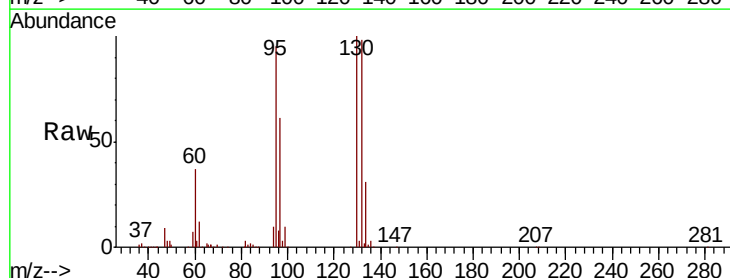
RT: 9.10 min Scan# 1180

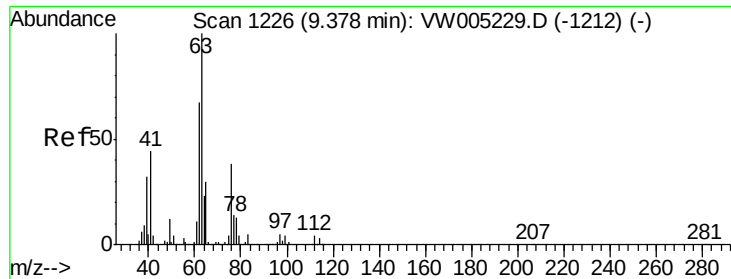
Delta R.T. 0.00 min

Lab File: VW005229.D

Acq: 08 Sep 2018 01:02

Tgt Ion:	130	Resp:	271058
Ion	Ratio	Lower	Upper
130	100		
95	94.9	0.0	189.8





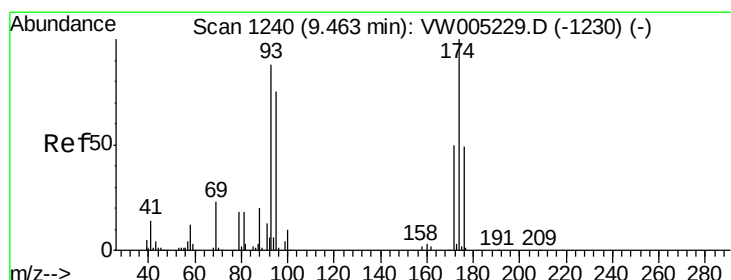
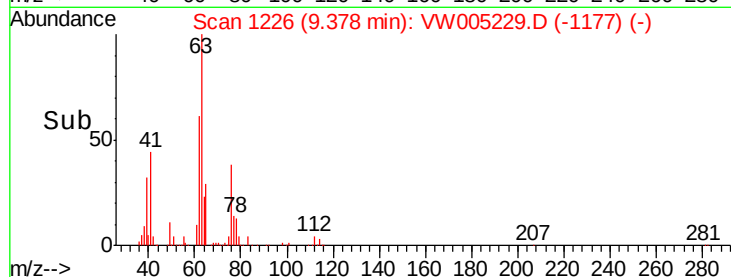
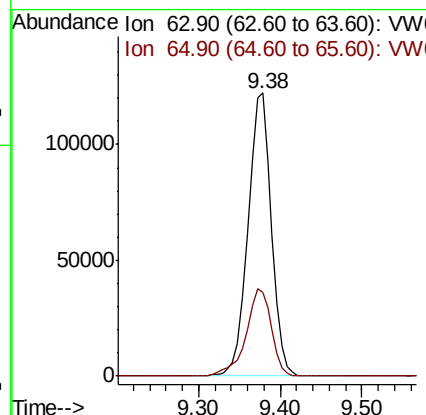
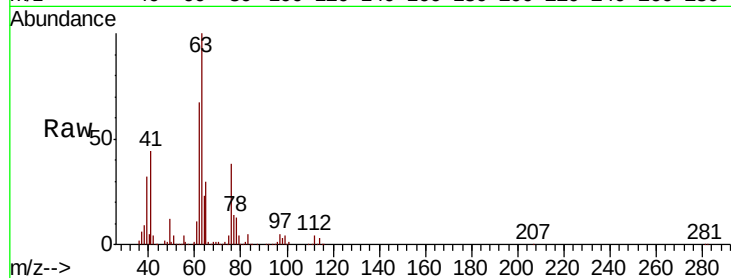
#45
 1,2-Dichloropropane
 Concen: 45.95 ug/l
 RT: 9.38 min Scan# 1226
 Delta R.T. 0.00 min
 Lab File: VW005229.D
 Acq: 08 Sep 2018 01:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.8	23.8	35.8

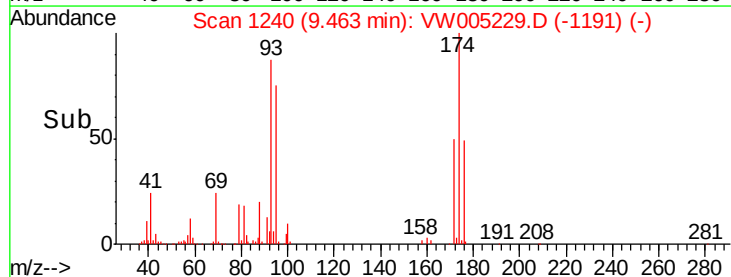
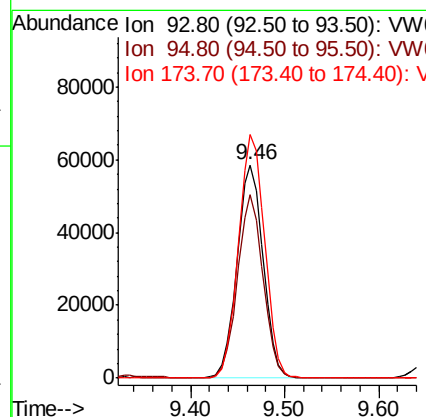
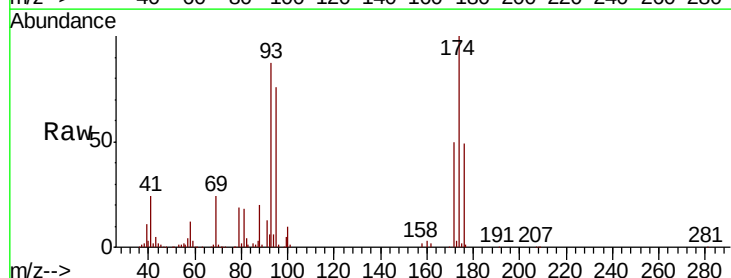
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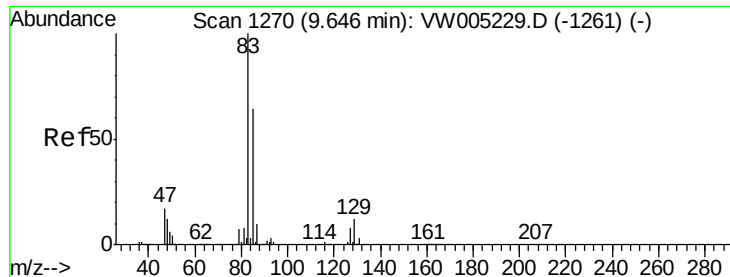
apatel
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#46
 Dibromomethane
 Concen: 44.60 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VW005229.D
 Acq: 08 Sep 2018 01:02

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.3	67.4	101.2
174	114.9	91.9	137.9





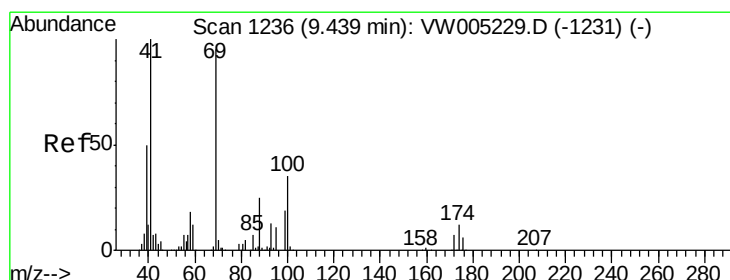
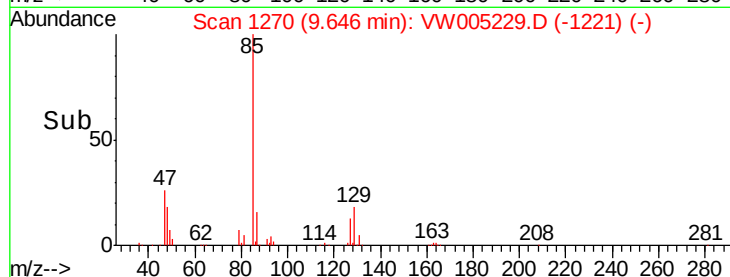
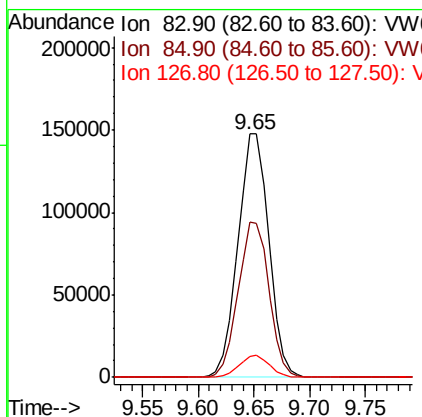
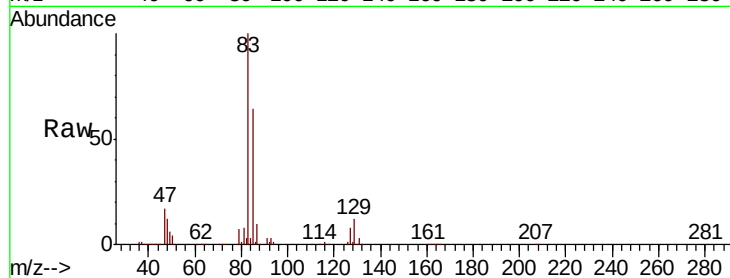
#47
Bromodichloromethane
Concen: 44.85 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VW005229.D
Acq: 08 Sep 2018 01:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	83	Resp	284674
Ion Ratio	100	Lower	Upper
83	100		
85	63.8	51.0	76.6
127	8.4	6.7	10.1

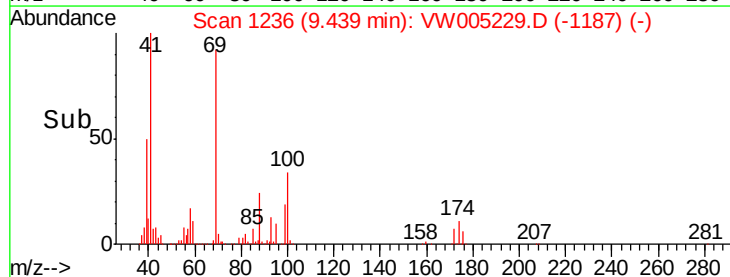
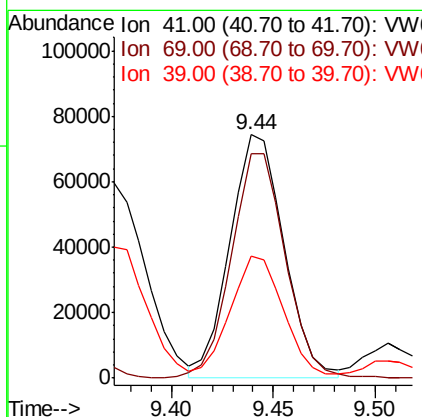
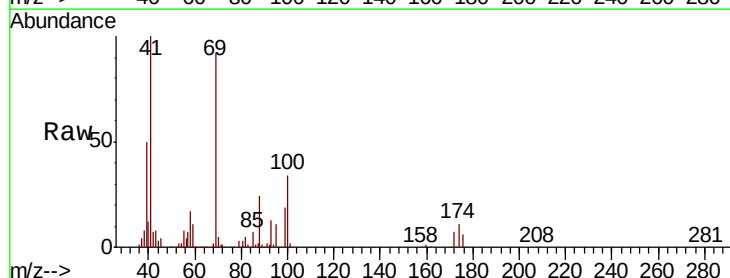
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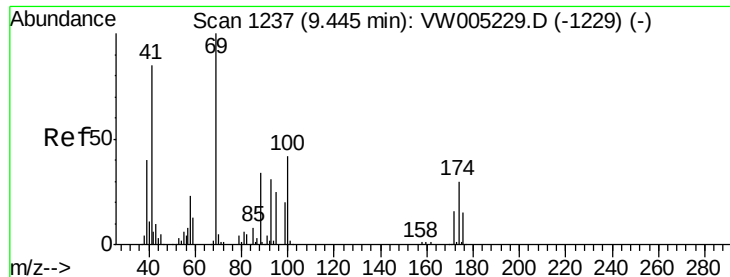
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#48
Methyl methacrylate
Concen: 57.07 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VW005229.D
Acq: 08 Sep 2018 01:02

Tgt Ion	41	Resp	136924
Ion Ratio	100	Lower	Upper
41	100		
69	92.0	73.6	110.4
39	46.1	36.9	55.3





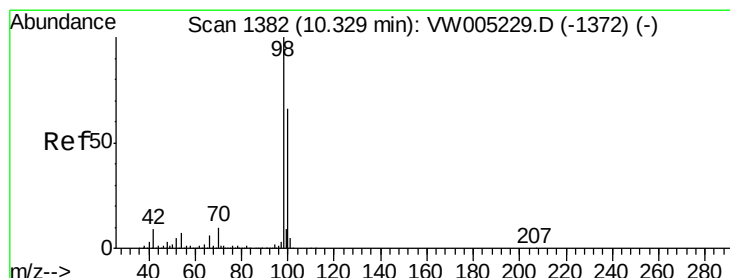
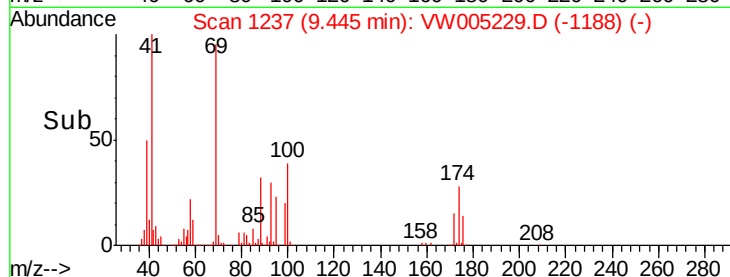
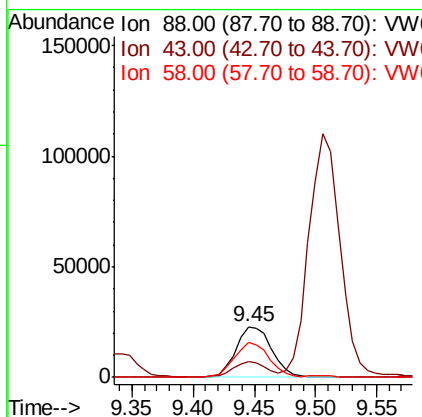
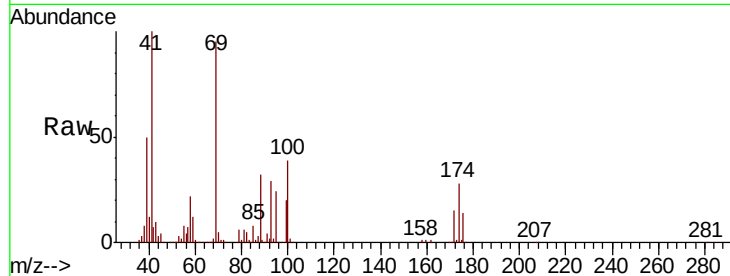
#49
1,4-Dioxane
Concen: 1127.51 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VW005229.D
Acq: 08 Sep 2018 01:02

Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	27.6	22.1	33.1
58	67.2	53.8	80.6

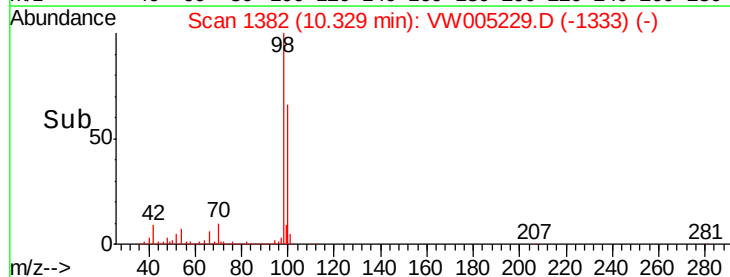
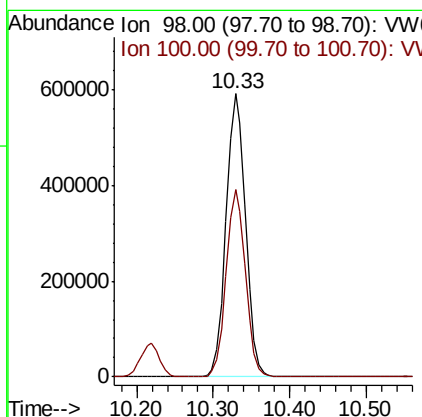
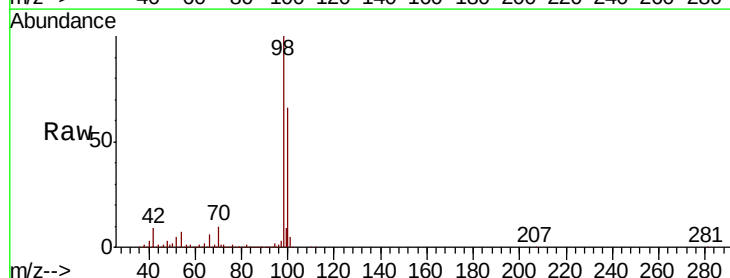
Manual Integrations
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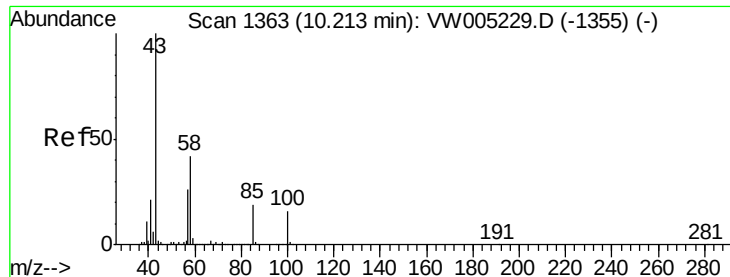
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#50
Toluene-d8
Concen: 51.52 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW005229.D
Acq: 08 Sep 2018 01:02

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.5	78.7





#51

4-Methyl-2-Pentanone

Concen: 225.17 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW005229.D

Acq: 08 Sep 2018 01:02

Instrument :

MSVOA_W

ClientSampled :

VSTDICCC050

Tot Ion: 43 Resp: 715040

Ion Ratio Lower Upper

43 100

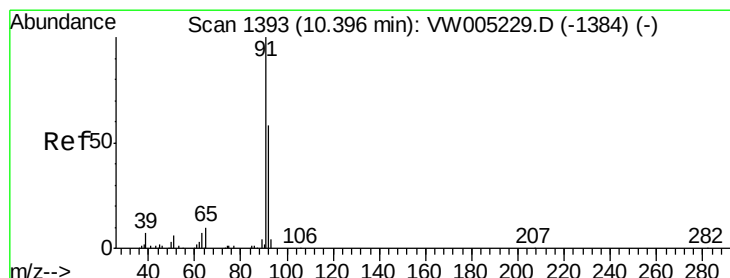
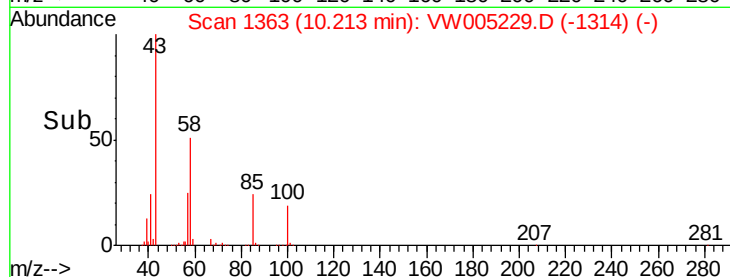
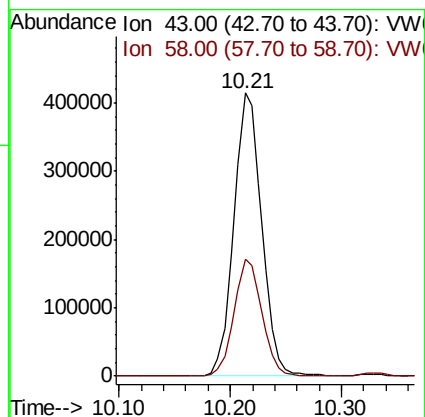
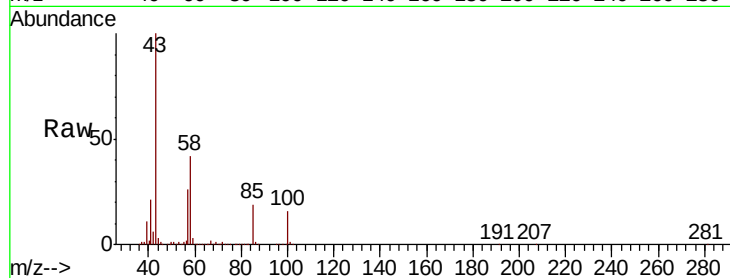
58 41.6 33.3 49.9

Manual Integrations

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#52

Toluene

Concen: 49.46 ug/l

RT: 10.40 min Scan# 1393

Delta R.T. 0.00 min

Lab File: VW005229.D

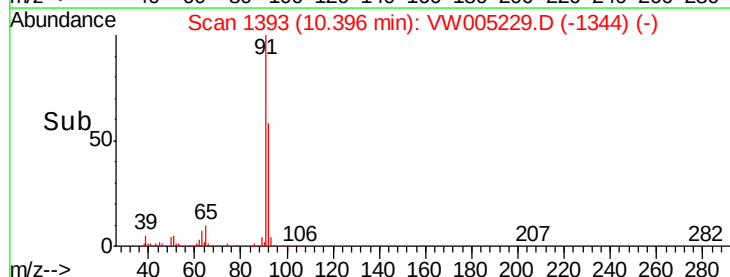
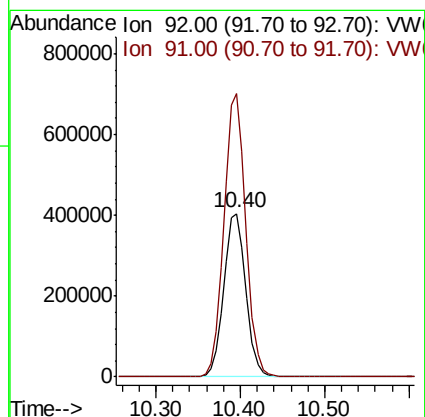
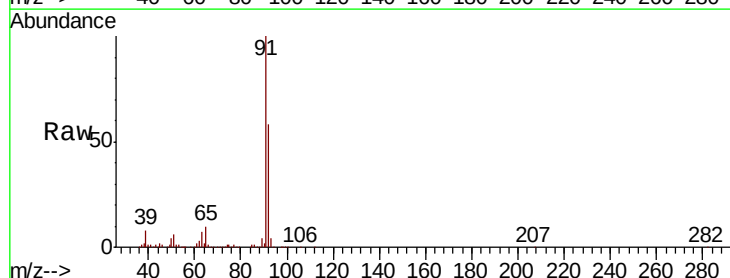
Acq: 08 Sep 2018 01:02

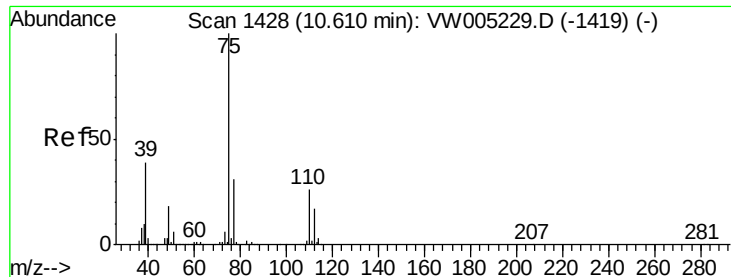
Tgt Ion: 92 Resp: 726598

Ion Ratio Lower Upper

92 100

91 171.7 137.4 206.0





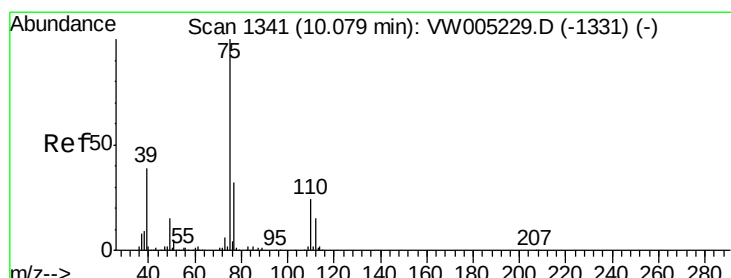
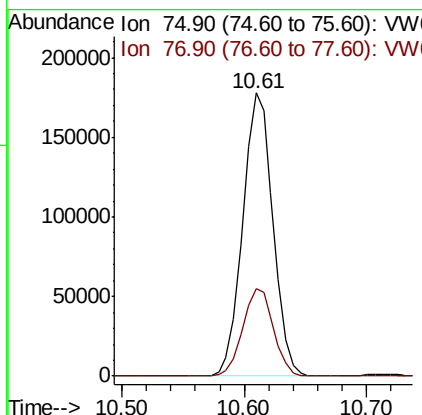
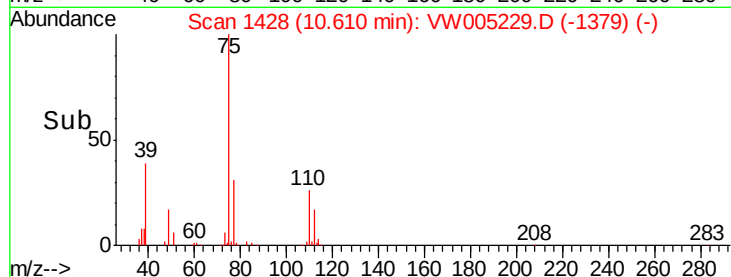
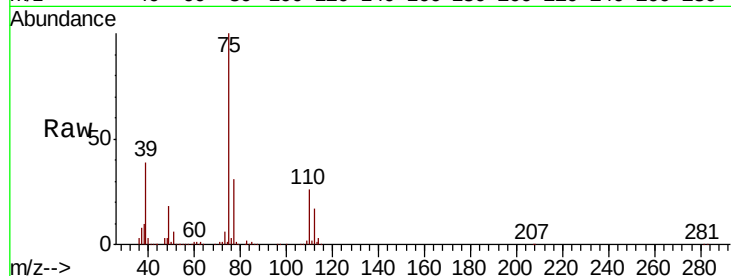
#53
 t-1,3-Dichloropropene
 Concen: 48.37 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. 0.00 min
 Lab File: VW005229.D
 Acq: 08 Sep 2018 01:02

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.9	24.7	37.1

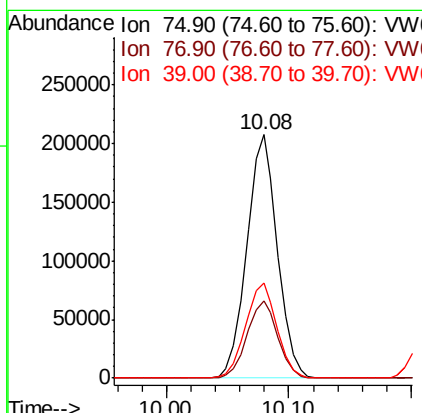
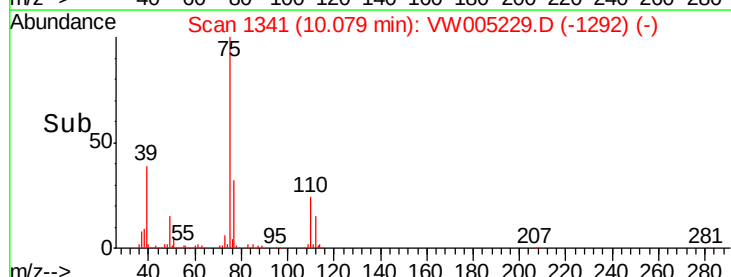
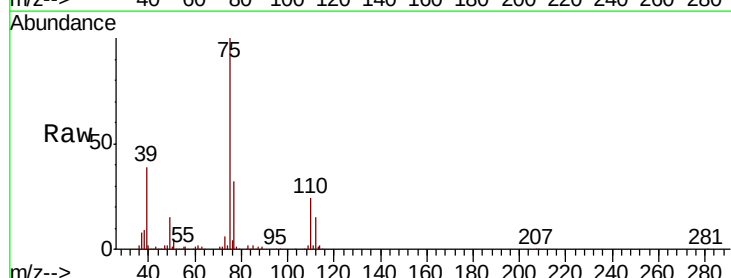
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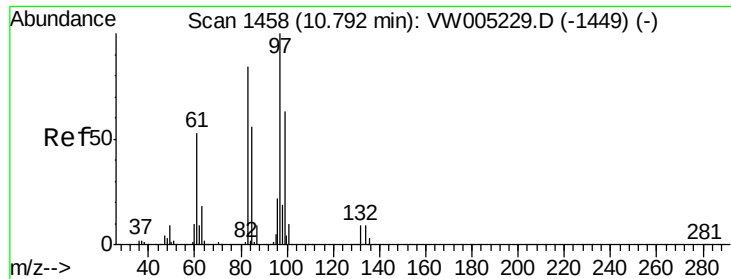
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#54
 cis-1,3-Dichloropropene
 Concen: 47.20 ug/l
 RT: 10.08 min Scan# 1341
 Delta R.T. 0.00 min
 Lab File: VW005229.D
 Acq: 08 Sep 2018 01:02

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.4	38.0
39	39.0	31.2	46.8





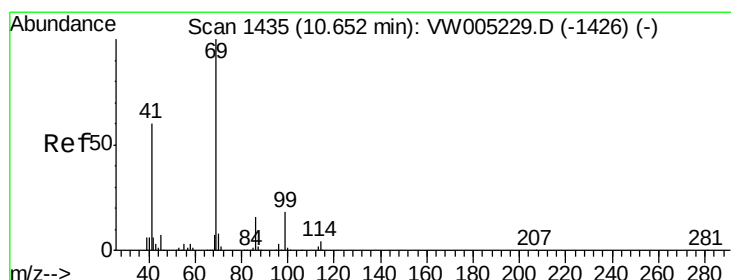
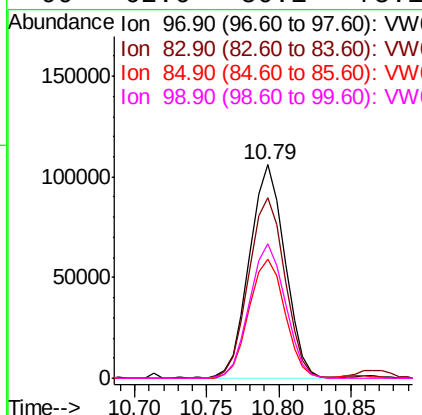
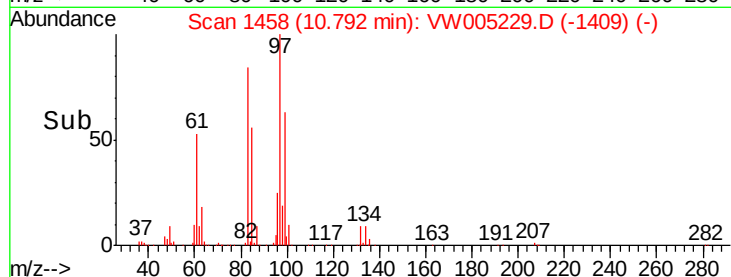
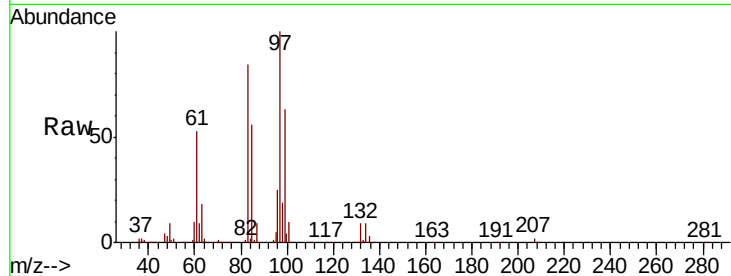
#55
 1,1,2-Trichloroethane
 Concen: 46.32 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: VW005229.D
 Acq: 08 Sep 2018 01:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion:	97	Resp:	182033
Ion	Ratio	Lower	Upper
97	100		
83	84.2	67.4	101.0
85	55.7	44.6	66.8
99	62.6	50.1	75.1

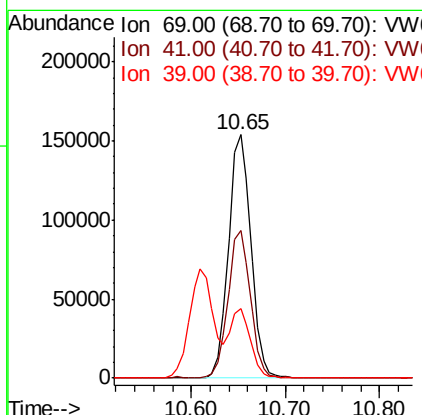
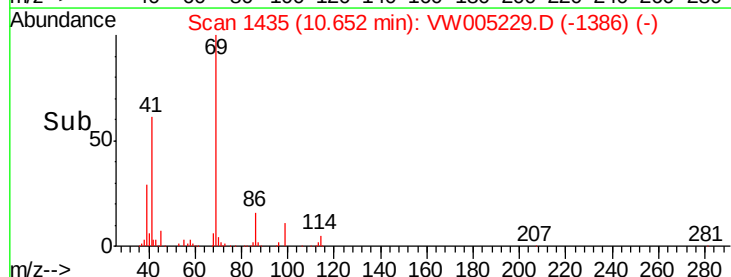
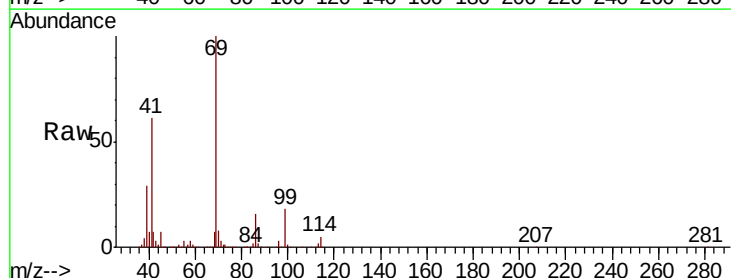
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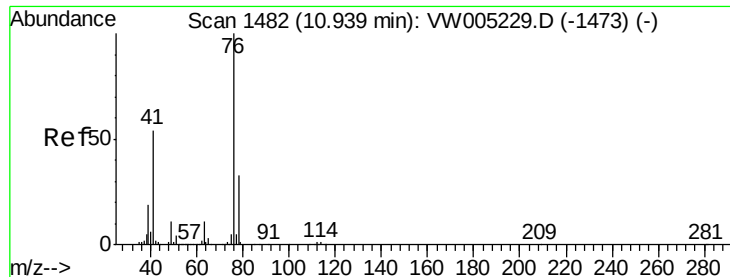
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#56
 Ethyl methacrylate
 Concen: 55.79 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: VW005229.D
 Acq: 08 Sep 2018 01:02

Tgt Ion:	69	Resp:	254772
Ion	Ratio	Lower	Upper
69	100		
41	59.9	47.9	71.9
39	26.1	20.9	31.3





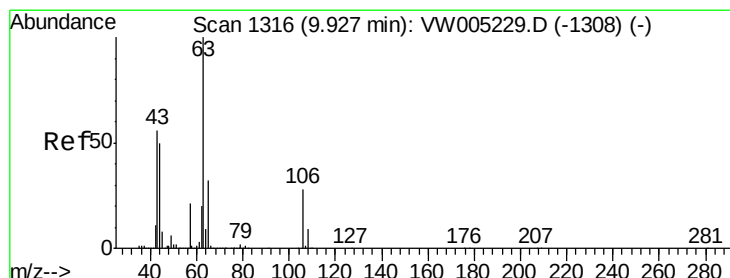
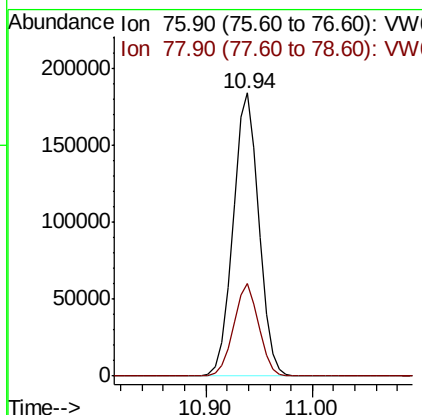
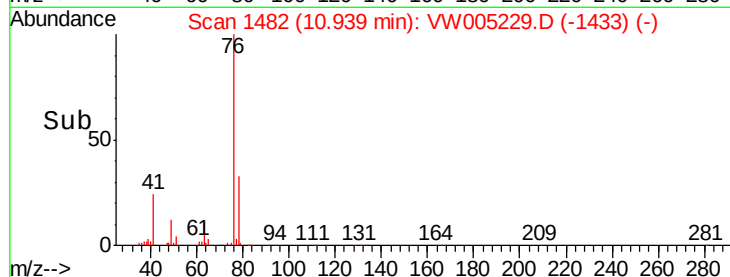
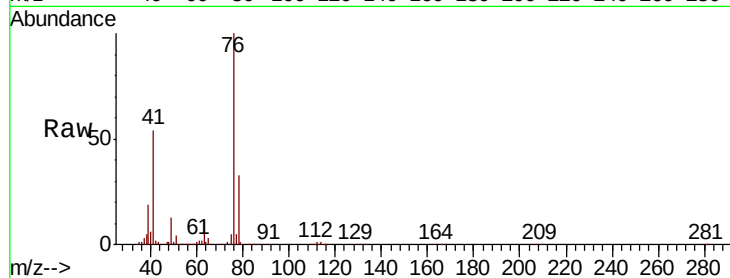
#57
 1,3-Dichloropropane
 Concen: 47.91 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. 0.00 min
 Lab File: VW005229.D
 Acq: 08 Sep 2018 01:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.9	25.5	38.3

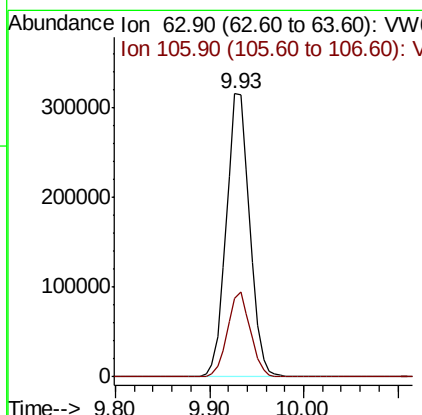
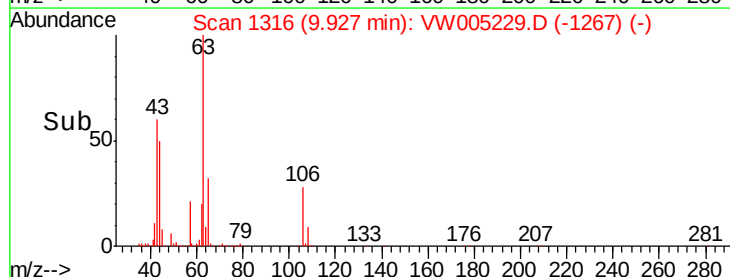
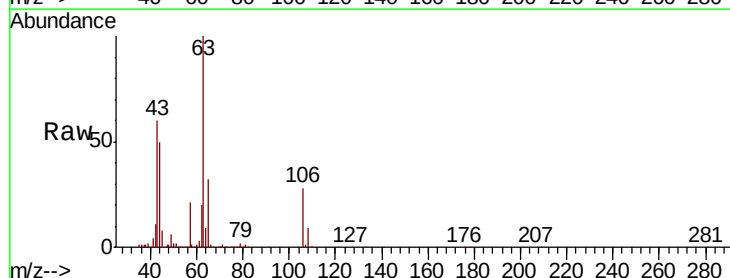
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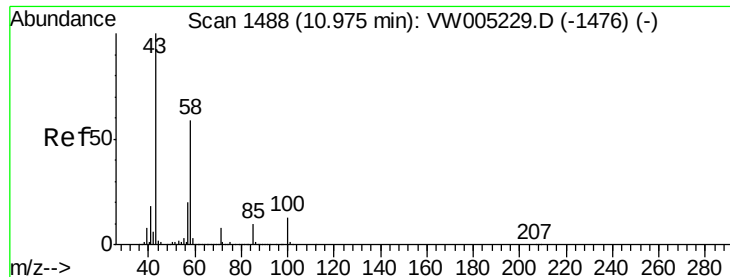
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#58
 2-Chloroethyl Vinyl ether
 Concen: 255.51 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW005229.D
 Acq: 08 Sep 2018 01:02

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.1	23.3	34.9





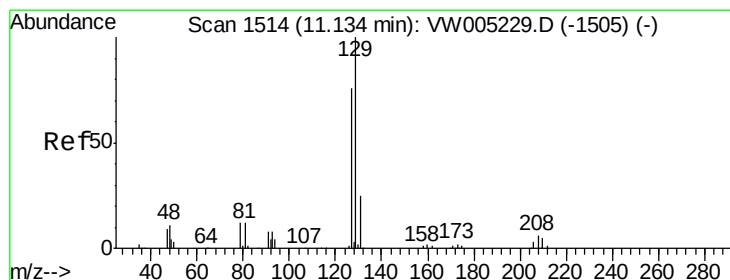
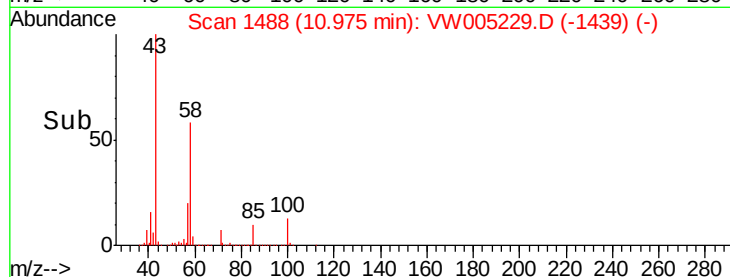
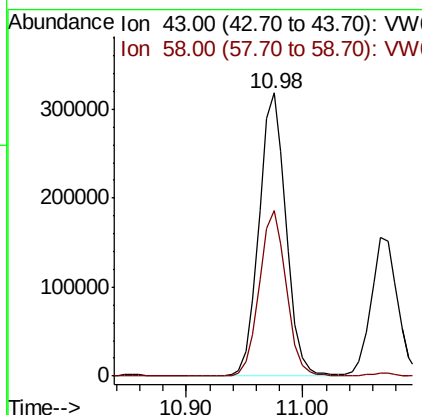
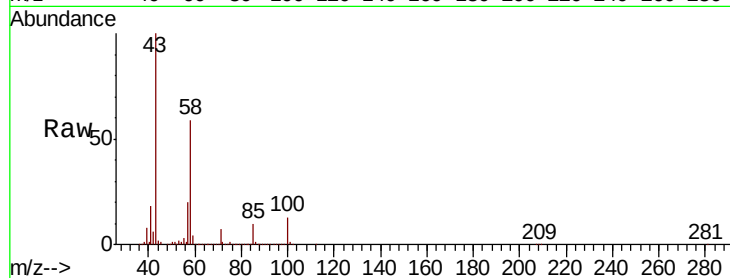
#59
2-Hexanone
Concen: 237.88 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VW005229.D
Acq: 08 Sep 2018 01:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	58.4	29.2	87.6

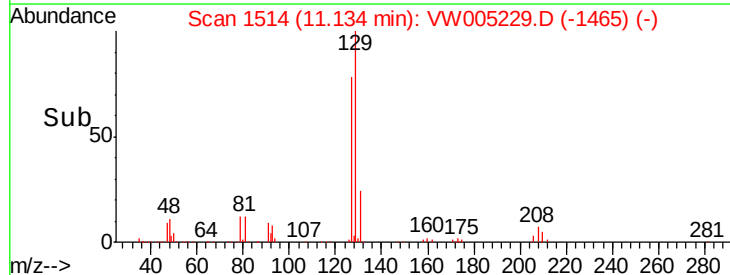
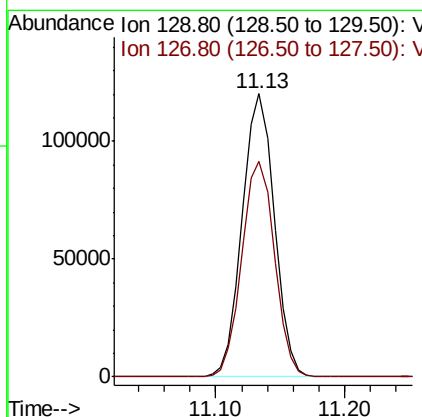
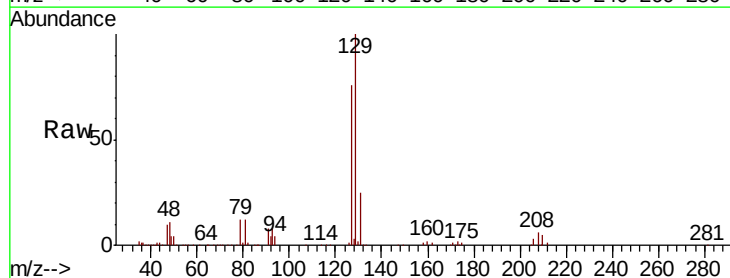
Manual Integrations
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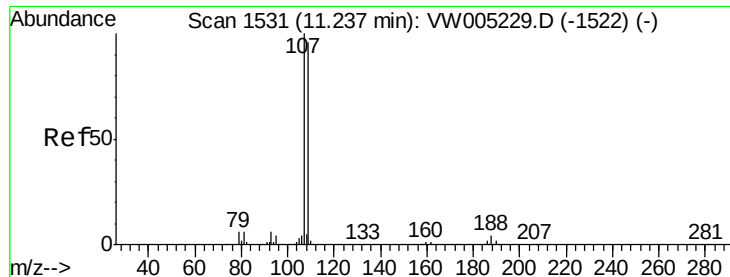
apatel
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#60
Dibromochloromethane
Concen: 46.71 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VW005229.D
Acq: 08 Sep 2018 01:02

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.4	38.7	116.1





#61

1,2-Dibromoethane

Concen: 48.51 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW005229.D

Acq: 08 Sep 2018 01:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 107 Resp: 173178

Ion Ratio Lower Upper

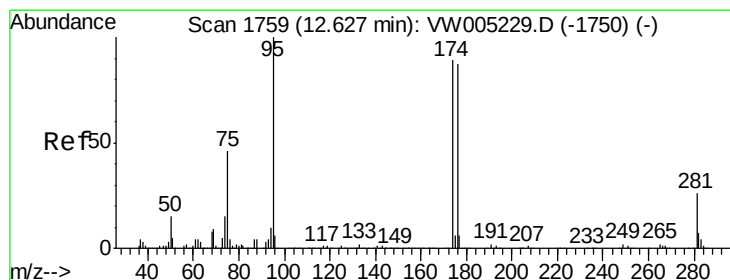
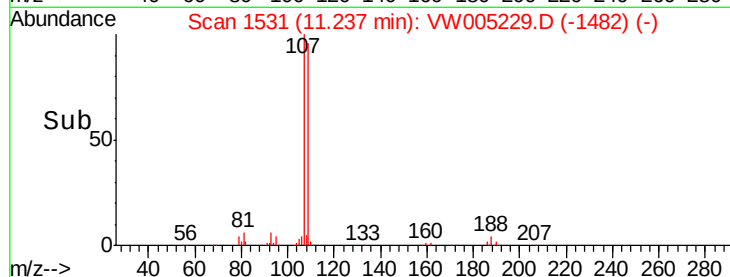
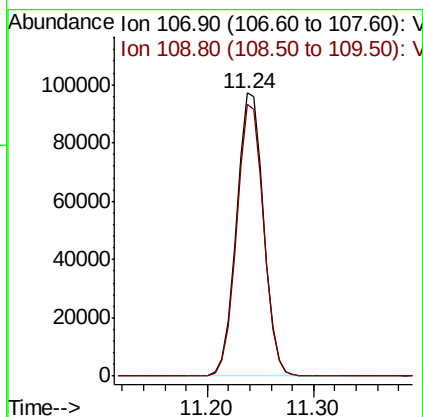
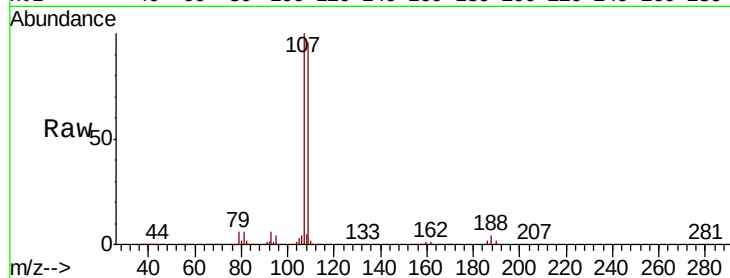
107 100

109 95.8 76.6 115.0

Manual Integrations
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#62

4-Bromofluorobenzene

Concen: 52.48 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. 0.00 min

Lab File: VW005229.D

Acq: 08 Sep 2018 01:02

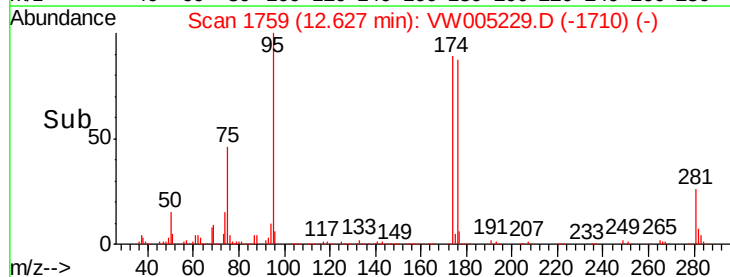
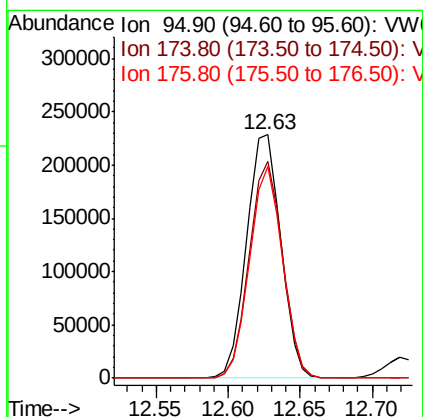
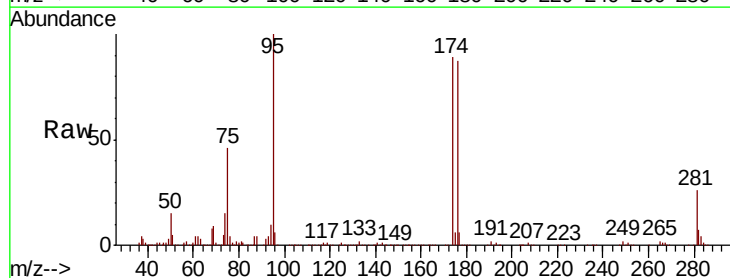
Tgt Ion: 95 Resp: 375368

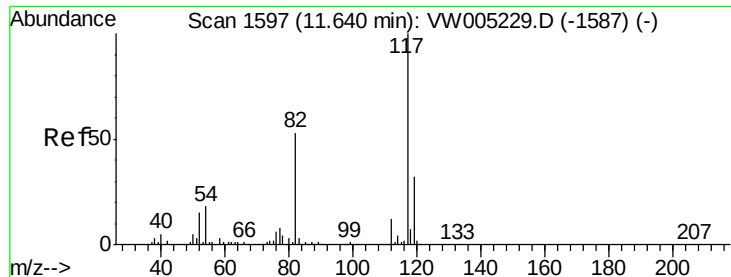
Ion Ratio Lower Upper

95 100

174 86.6 0.0 173.2

176 83.6 0.0 167.2





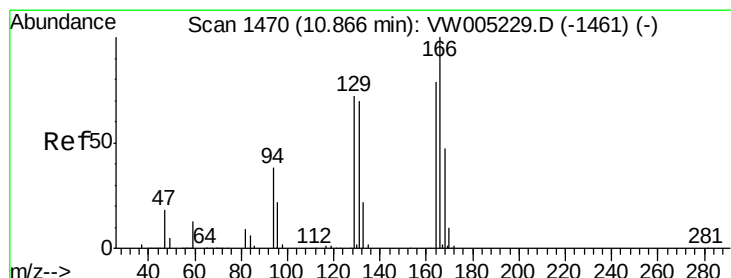
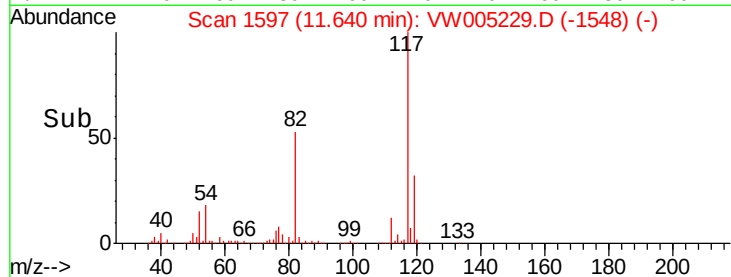
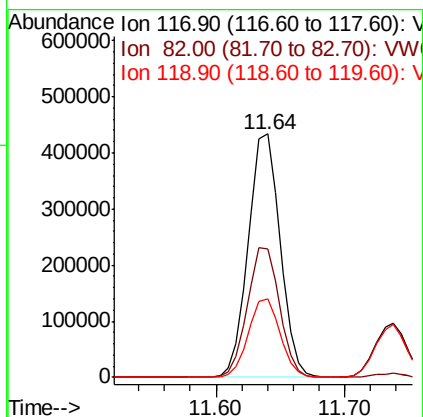
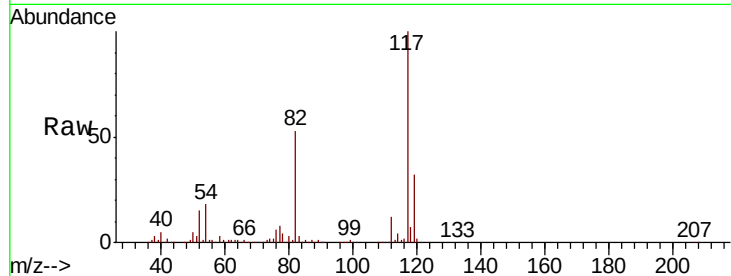
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. 0.00 min
Lab File: VW005229.D
Acq: 08 Sep 2018 01:02

Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.9	42.3	63.5
119	32.1	25.7	38.5

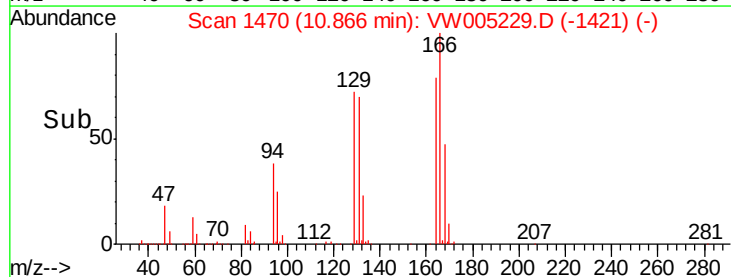
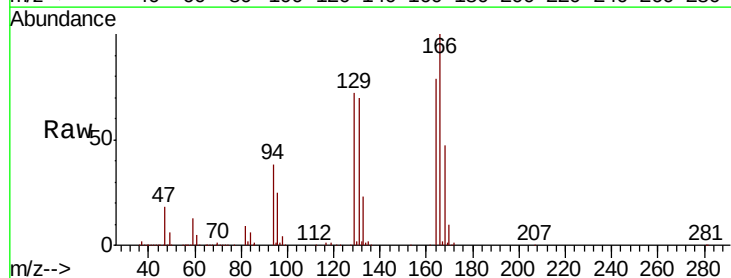
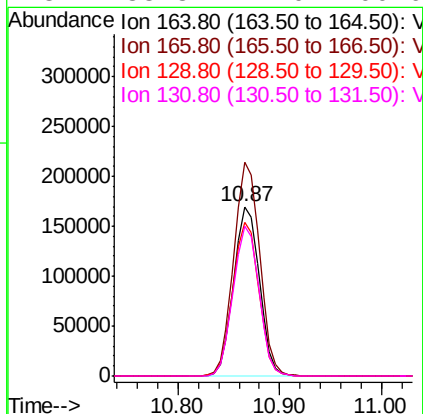
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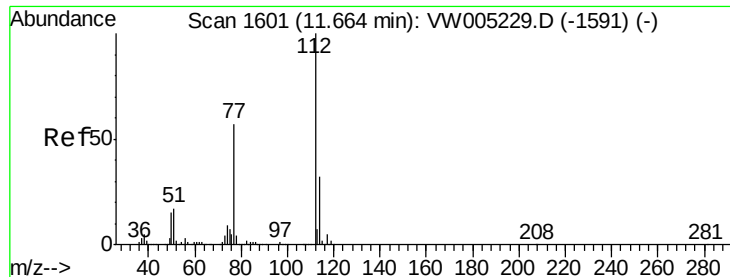
apatel
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#64
Tetrachloroethene
Concen: 51.07 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW005229.D
Acq: 08 Sep 2018 01:02

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.3	101.0	151.6
129	91.2	73.0	109.4
131	88.8	71.0	106.6





#65

Chlorobenzene

Concen: 48.76 ug/l

RT: 11.66 min Scan# 1601

Delta R.T. 0.00 min

Lab File: VW005229.D

Acq: 08 Sep 2018 01:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion:112 Resp: 802087

Ion Ratio Lower Upper

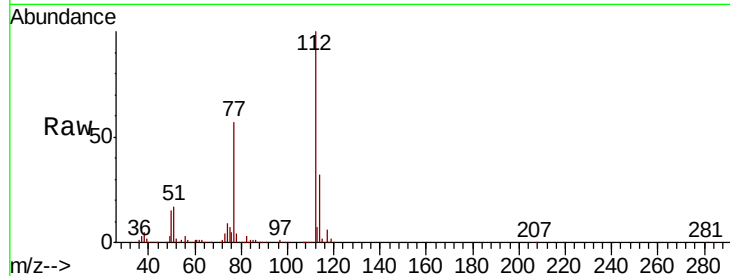
112 100

114 32.1 25.7 38.5

Manual Integrations
APPROVED

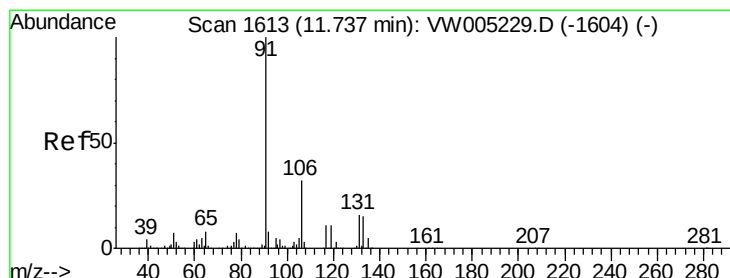
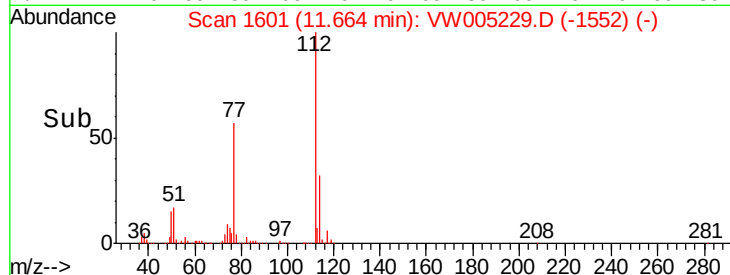
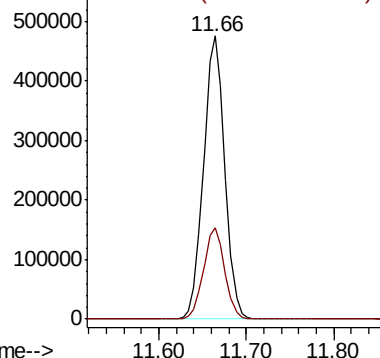
apatel

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 47.35 ug/l

RT: 11.74 min Scan# 1613

Delta R.T. 0.00 min

Lab File: VW005229.D

Acq: 08 Sep 2018 01:02

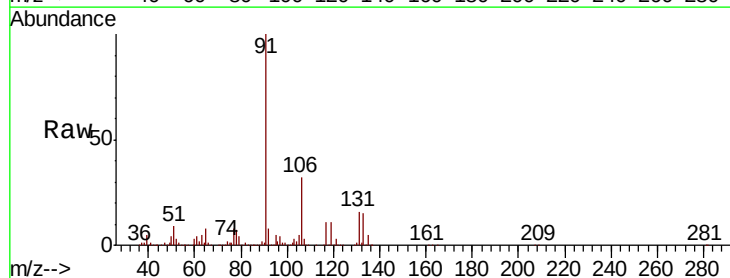
Tgt Ion:131 Resp: 237715

Ion Ratio Lower Upper

131 100

133 95.7 47.9 143.6

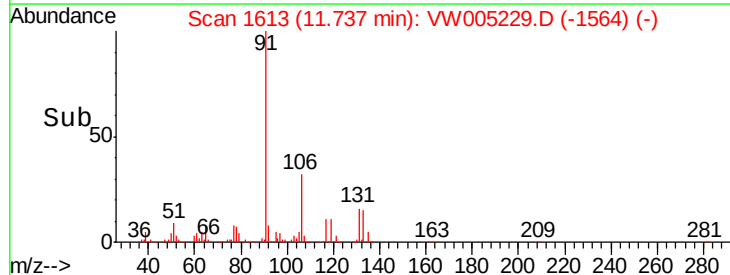
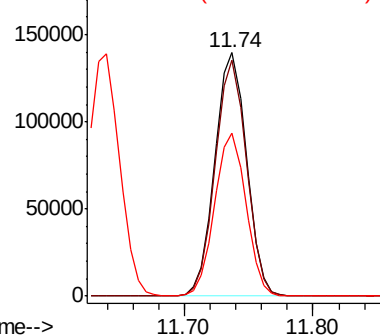
119 66.5 33.3 99.8

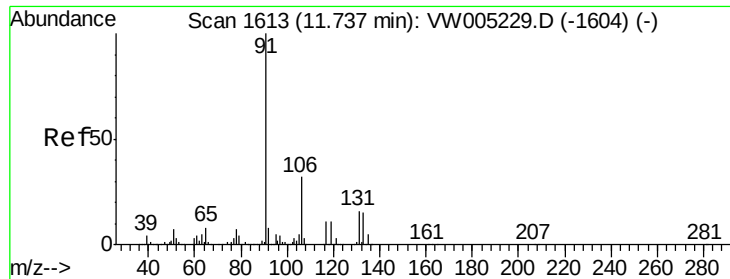


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





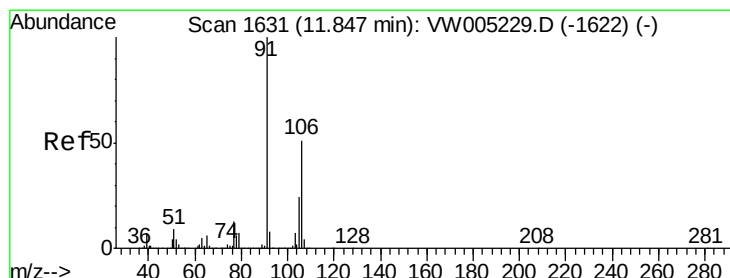
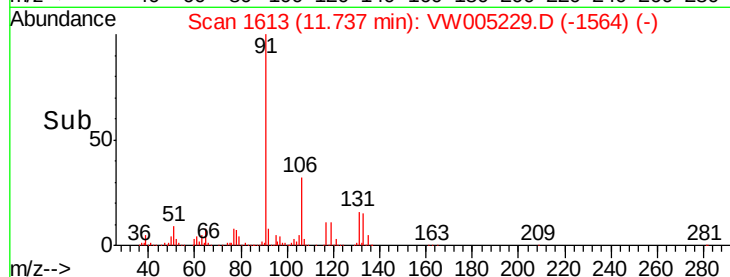
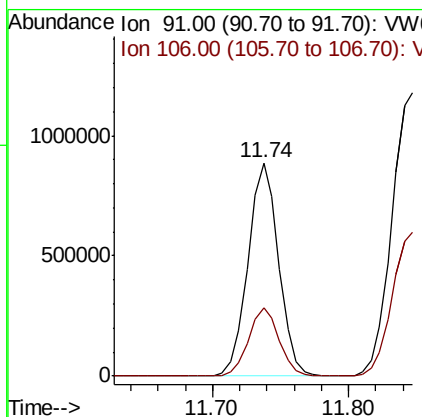
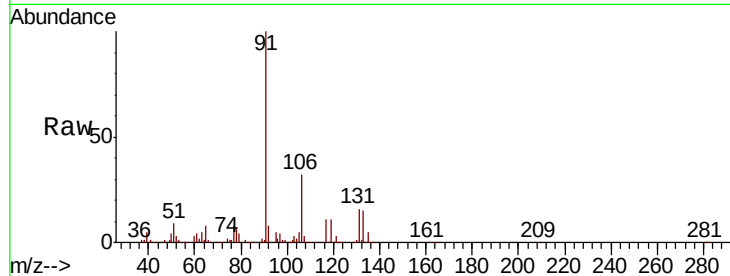
#67
Ethyl Benzene
Concen: 50.37 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW005229.D
Acq: 08 Sep 2018 01:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion: 91 Resp: 1396356
Ion Ratio Lower Upper
91 100
106 31.9 25.5 38.3

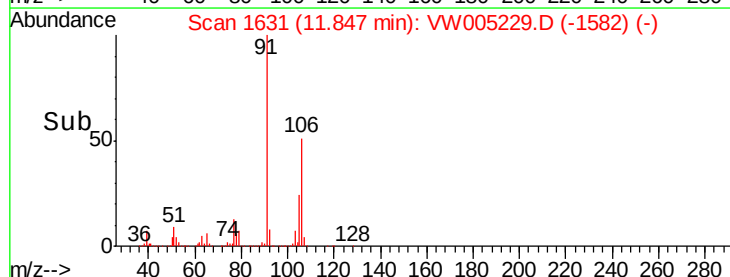
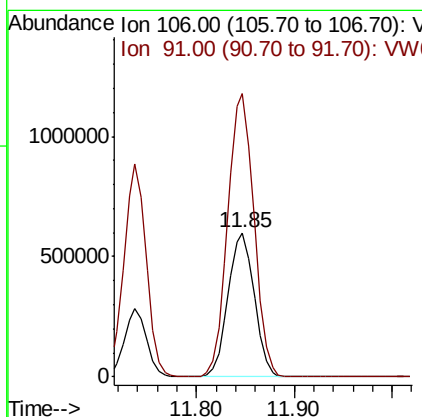
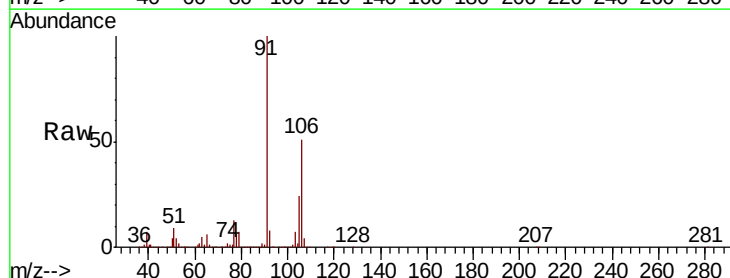
Manual Integrations
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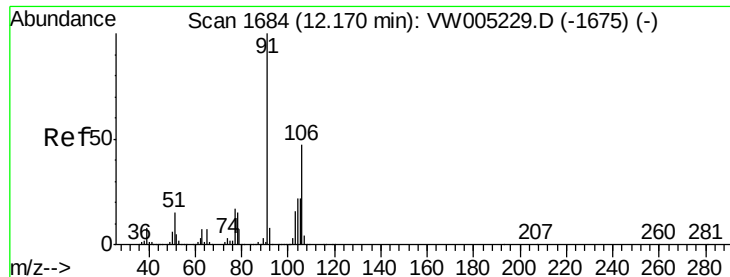
apatel
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#68
m/p-Xylenes
Concen: 100.42 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VW005229.D
Acq: 08 Sep 2018 01:02

Tgt Ion: 106 Resp: 1113270
Ion Ratio Lower Upper
106 100
91 196.8 157.4 236.2





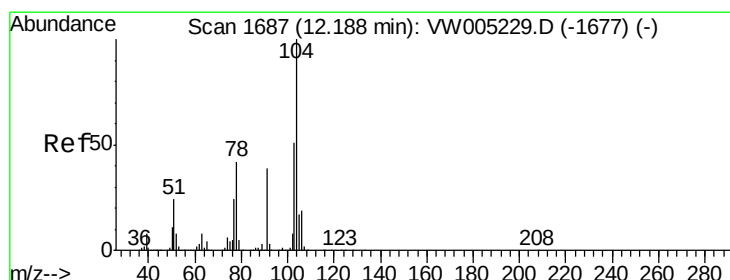
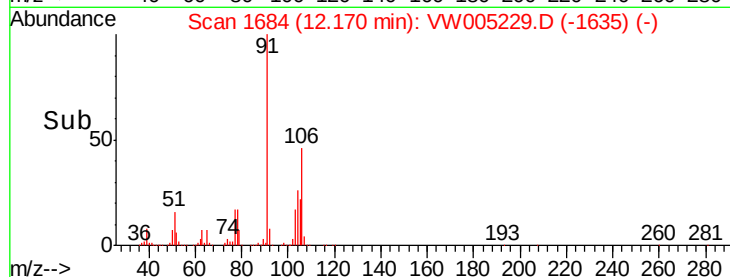
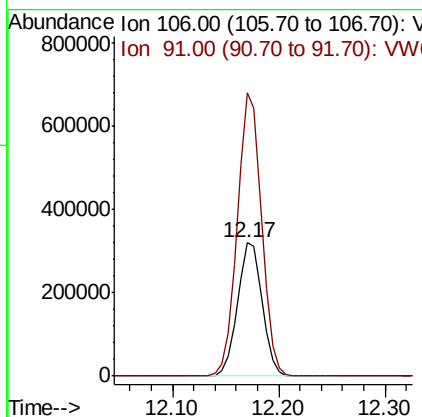
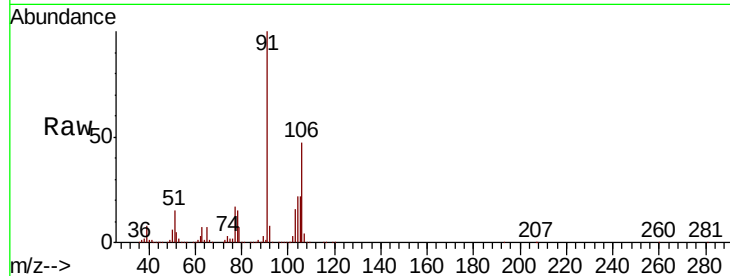
#69
o-Xylene
Concen: 50.72 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW005229.D
Acq: 08 Sep 2018 01:02

Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	521963		
91	91	208.9		104.5	313.3

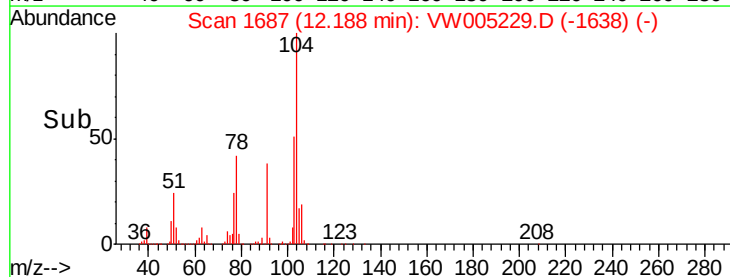
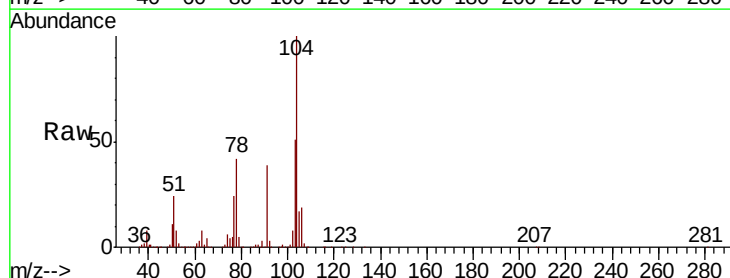
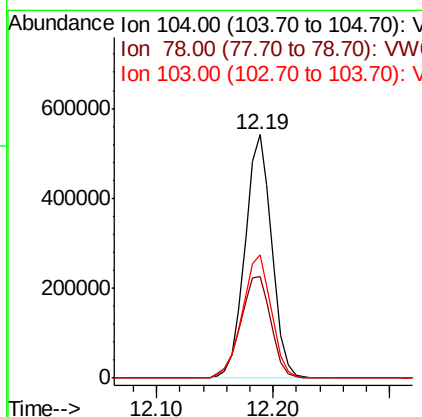
Manual Integrations
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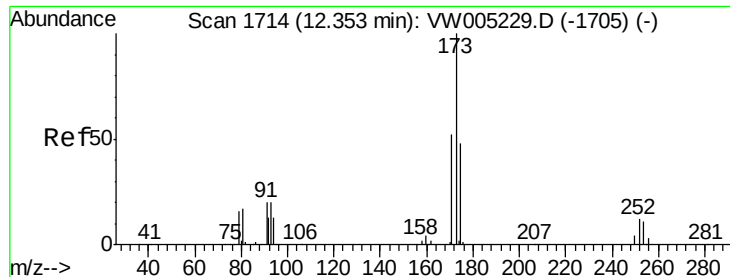
apatel
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#70
Styrene
Concen: 51.11 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VW005229.D
Acq: 08 Sep 2018 01:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	866141		
78	78	47.4		37.9	56.9
103	103	55.1		44.1	66.1





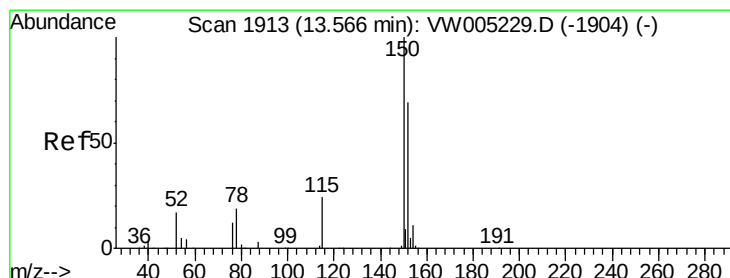
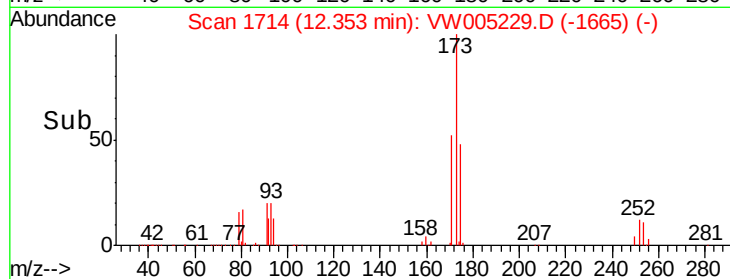
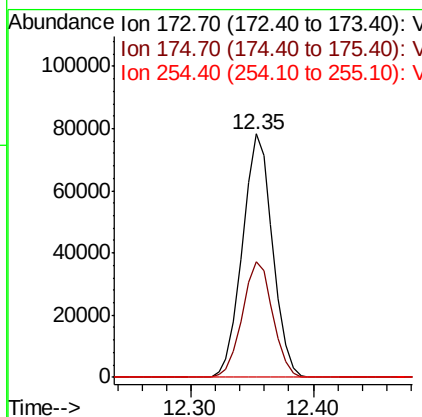
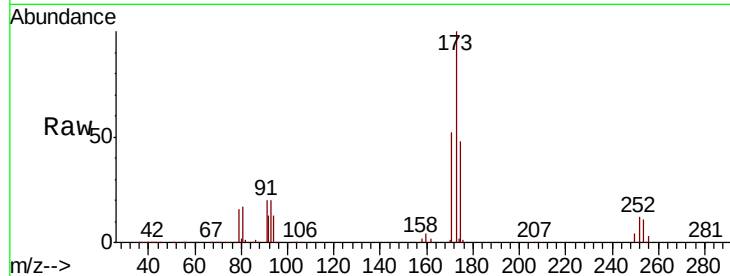
#71
Bromoform
Concen: 49.68 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.00 min
Lab File: VW005229.D
Acq: 08 Sep 2018 01:02

Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.0	24.0	72.0
254	0.1	0.1	0.1

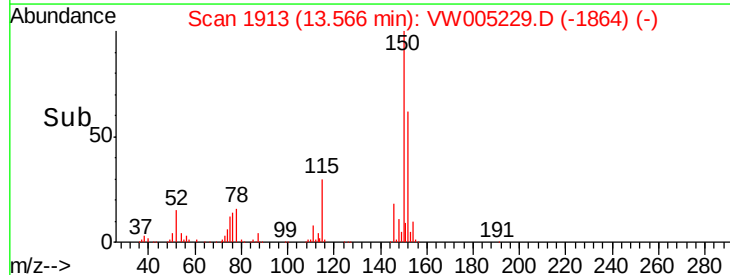
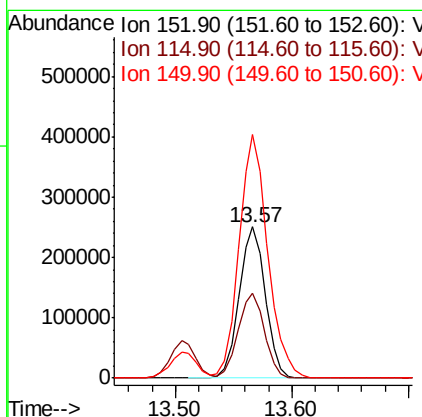
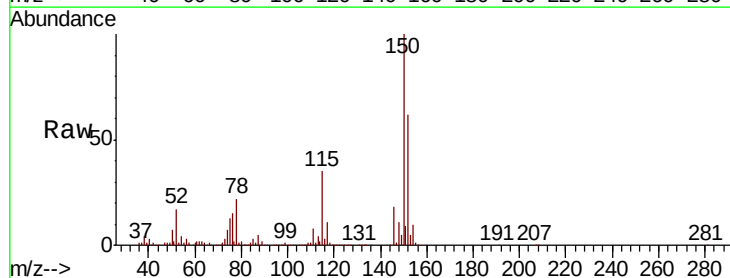
Manual Integrations
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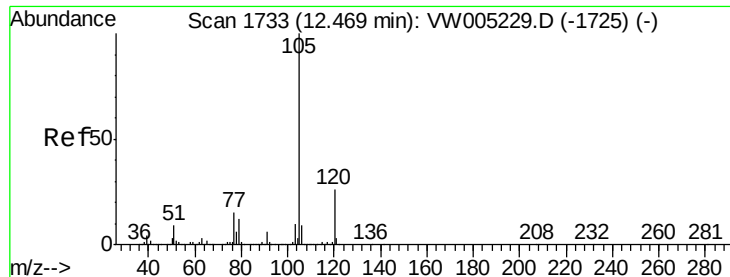
apatel
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW005229.D
Acq: 08 Sep 2018 01:02

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.2	28.1	84.3
150	175.7	0.0	351.4





#73

Isopropylbenzene

Concen: 51.56 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW005229.D

Acq: 08 Sep 2018 01:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion:105 Resp: 1408533

Ion Ratio Lower Upper

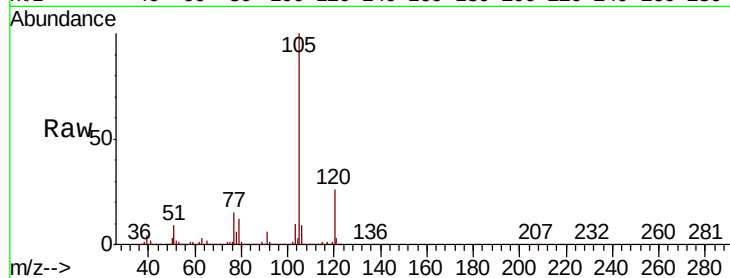
105 100

120 26.7 13.4 40.1

Manual Integrations
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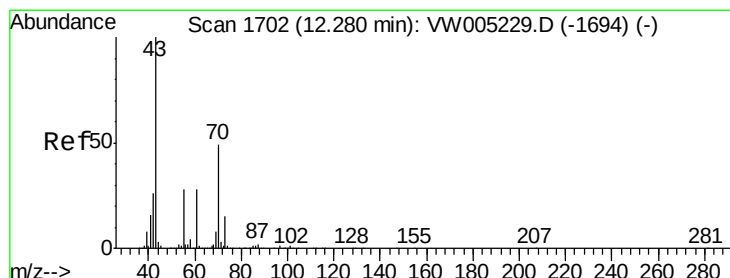
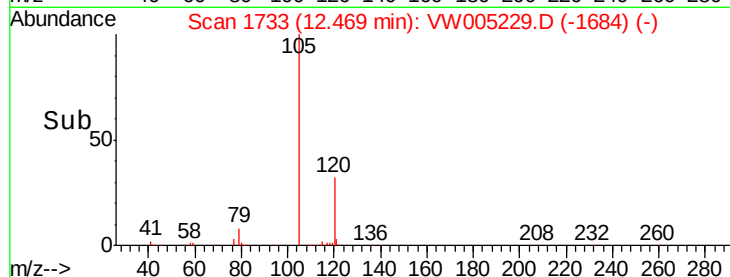
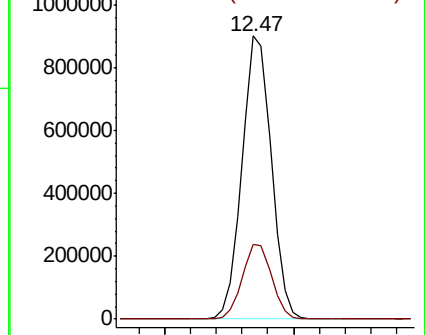
apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 57.73 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VW005229.D

Acq: 08 Sep 2018 01:02

Tgt Ion: 43 Resp: 280102

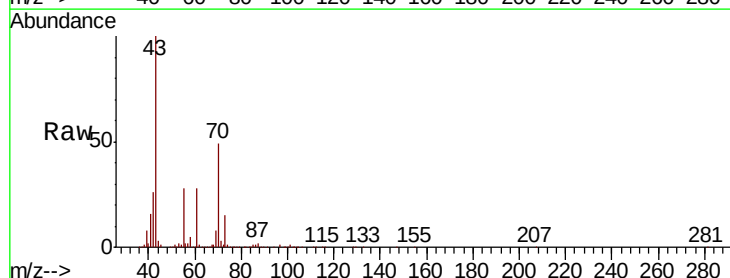
Ion Ratio Lower Upper

43 100

70 47.9 38.3 57.5

55 28.1 22.5 33.7

61 26.4 21.1 31.7

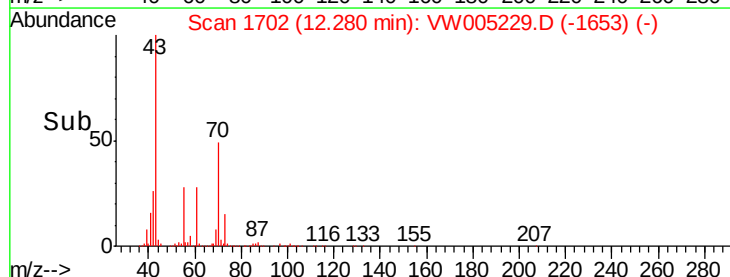
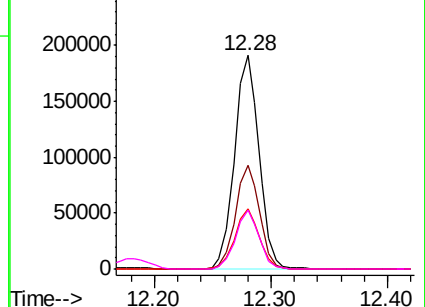


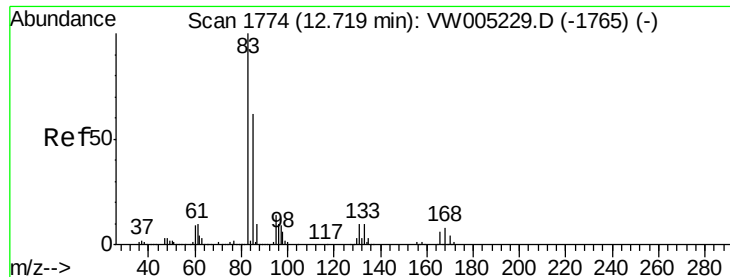
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 52.10 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW005229.D

Acq: 08 Sep 2018 01:02

Instrument :

MSVOA_W

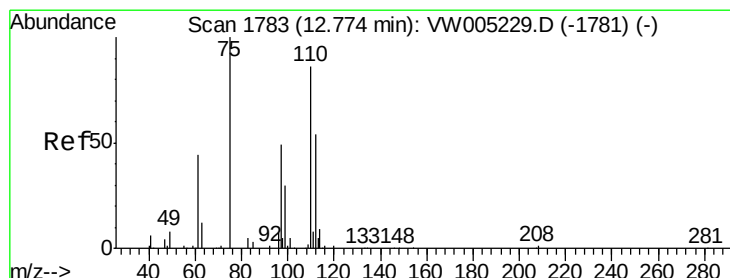
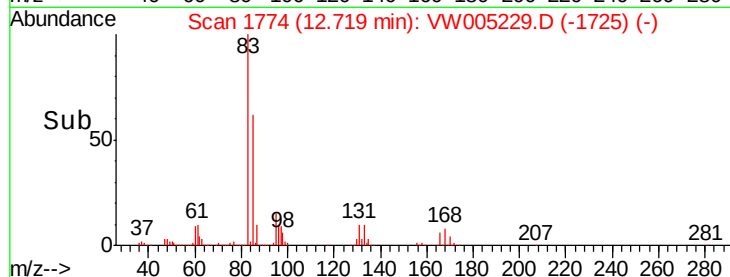
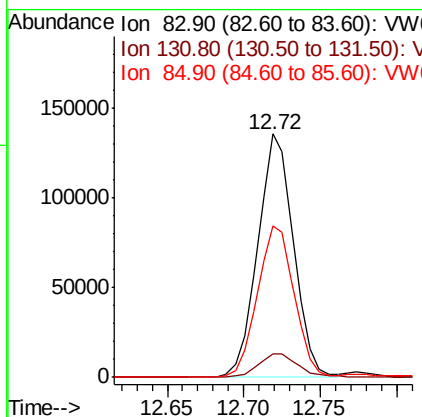
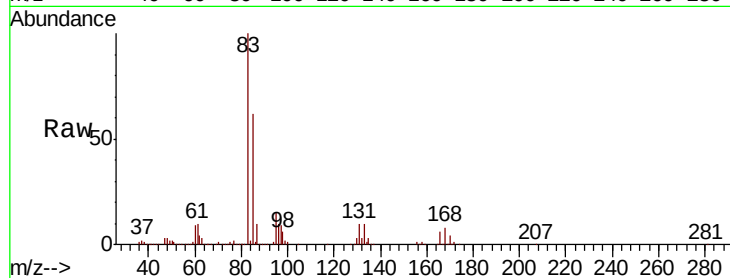
ClientSampleId :

VSTDICCC050

Tot Ion:	83	Resp:	221006
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.3	16.1
85	64.0	32.0	96.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 51.18 ug/l m

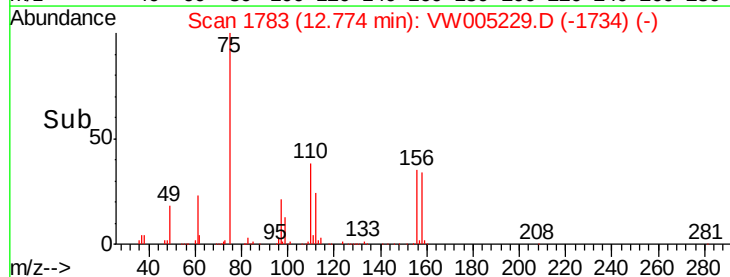
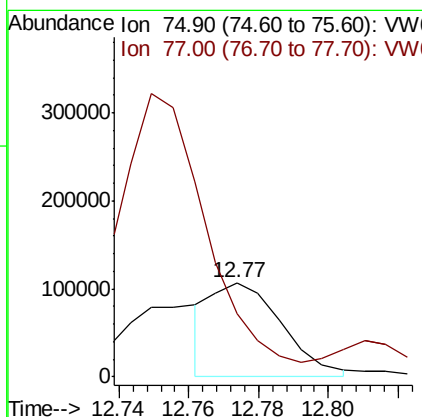
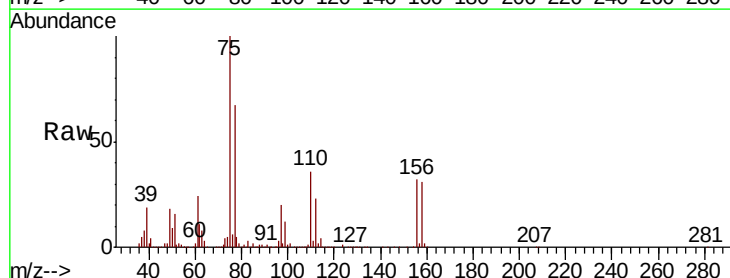
RT: 12.77 min Scan# 1783

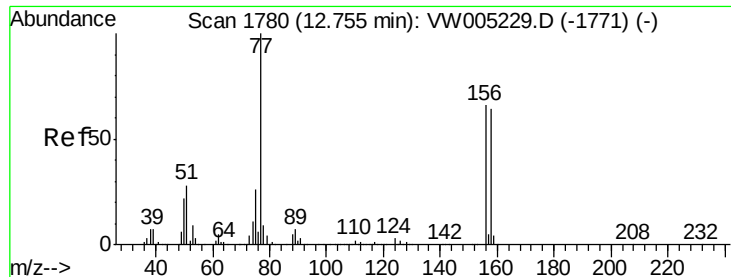
Delta R.T. 0.00 min

Lab File: VW005229.D

Acq: 08 Sep 2018 01:02

Tgt Ion:	75	Resp:	152393
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 49.89 ug/l

RT: 12.76 min Scan# 1780

Delta R.T. 0.00 min

Lab File: VW005229.D

Acq: 08 Sep 2018 01:02

Instrument :

MSVOA_W

ClientSampled :

VSTDICCC050

Tot Ion:156 Resp: 336686

Ion Ratio Lower Upper

156 100

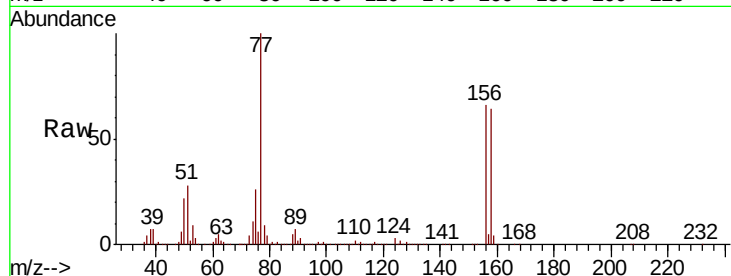
77 172.8 86.4 259.2

158 96.7 48.4 145.0

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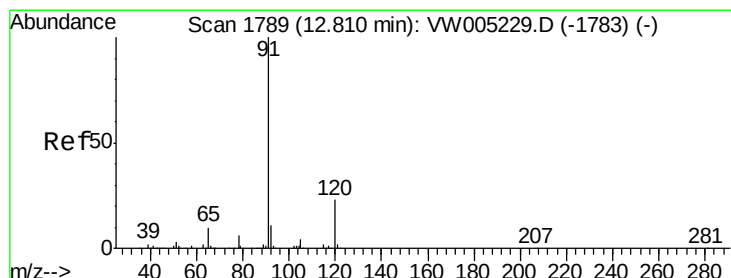
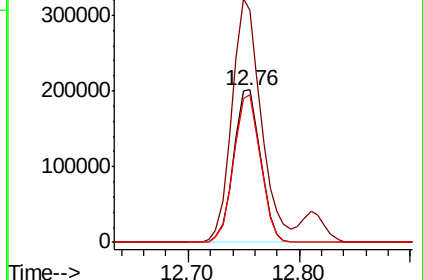
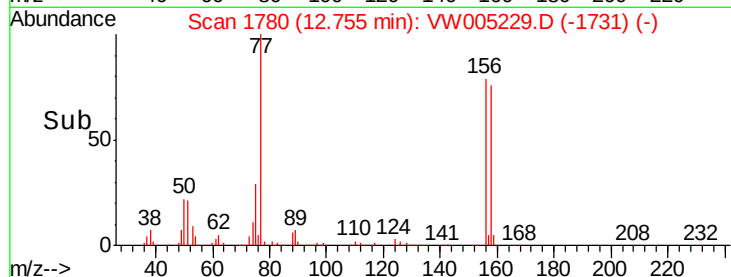
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.23 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW005229.D

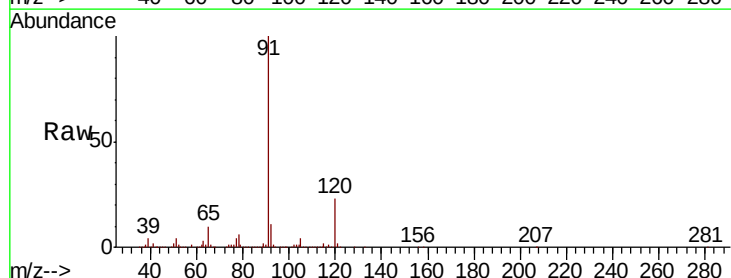
Acq: 08 Sep 2018 01:02

Tgt Ion: 91 Resp: 1685402

Ion Ratio Lower Upper

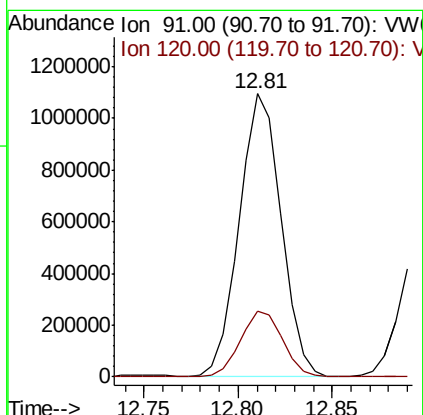
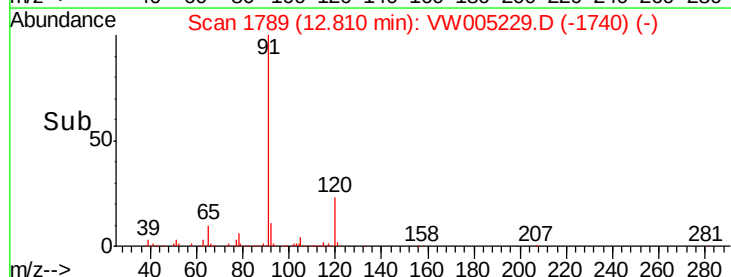
91 100

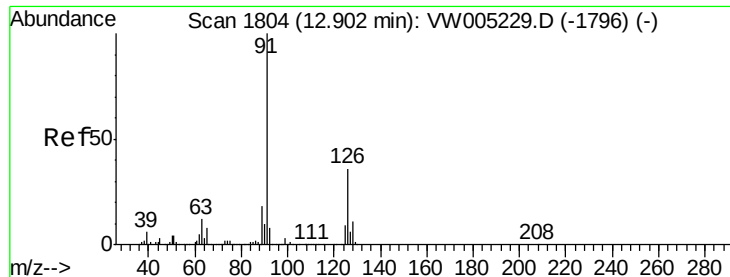
120 23.5 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.06 ug/l

RT: 12.90 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VW005229.D

Acq: 08 Sep 2018 01:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 91 Resp: 962989

Ion Ratio Lower Upper

91 100

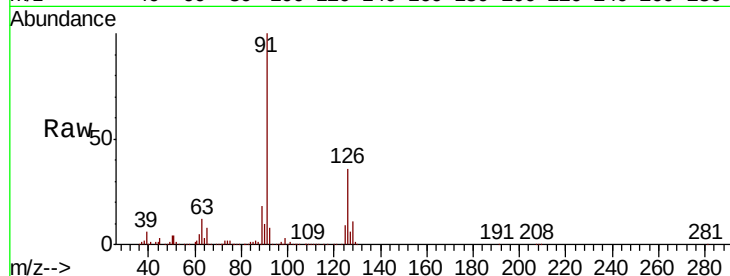
126 34.7 17.3 52.0

Manual Integrations

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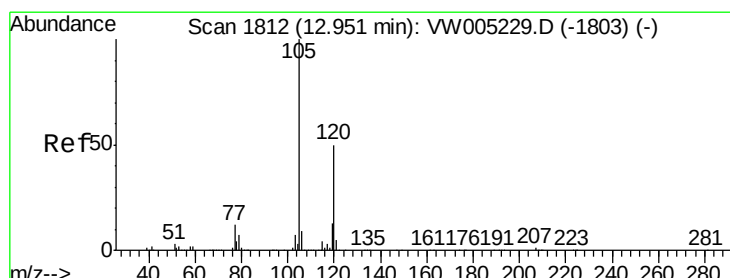
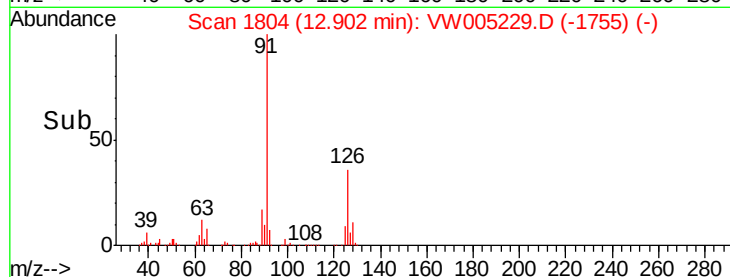
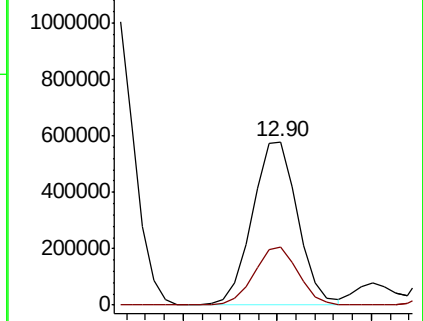
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 50.59 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW005229.D

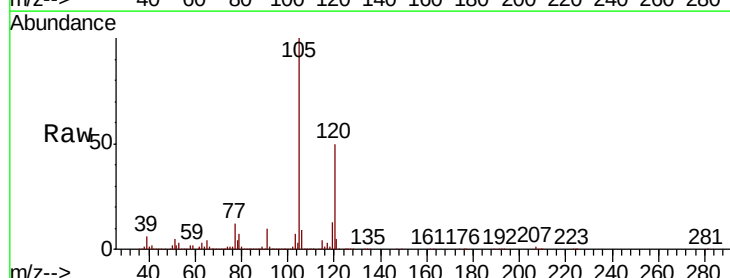
Acq: 08 Sep 2018 01:02

Tgt Ion:105 Resp: 1189658

Ion Ratio Lower Upper

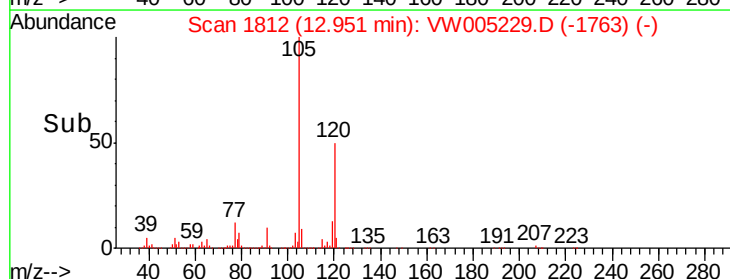
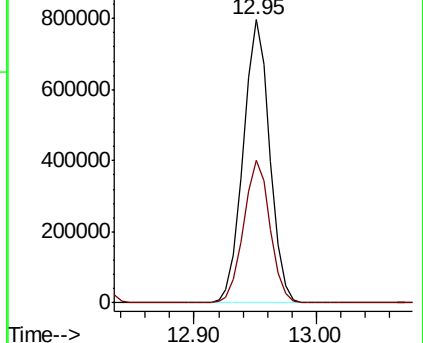
105 100

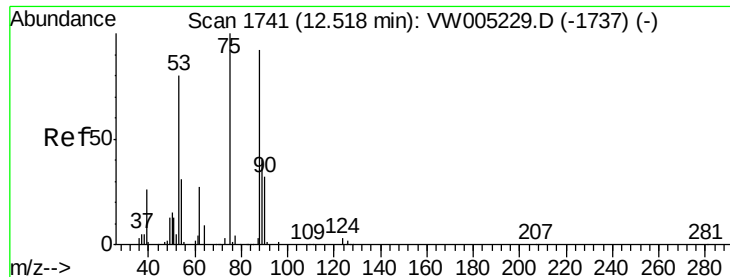
120 50.5 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 51.89 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VW005229.D

Acq: 08 Sep 2018 01:02

Instrument :

MSVOA_W

ClientSampled :

VSTDICCC050

Tot Ion: 75 Resp: 63529

Ion Ratio Lower Upper

75 100

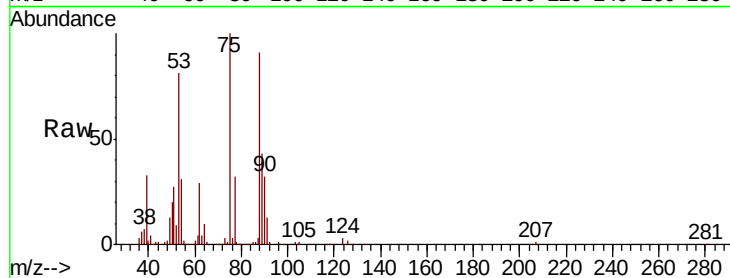
53 86.3 69.0 103.6

89 44.8 35.8 53.8

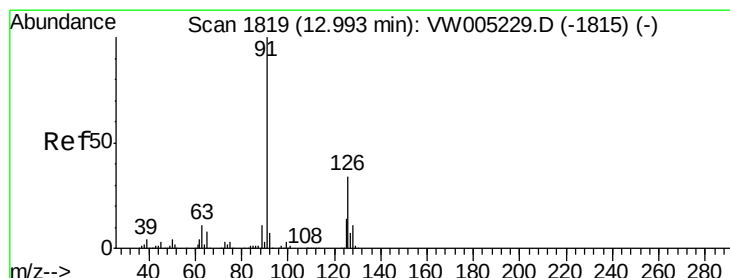
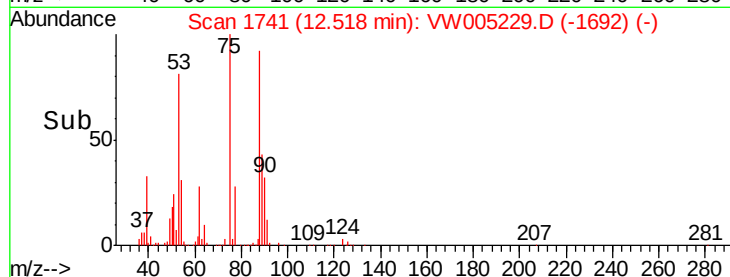
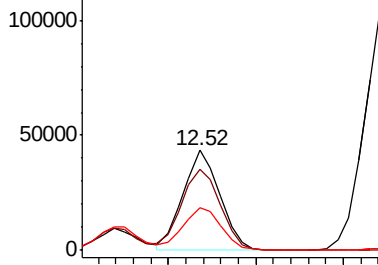
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Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 53.00 (52.70 to 53.70): VW
Ion 88.90 (88.60 to 89.60): VW



#82

4-Chlorotoluene

Concen: 49.53 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.00 min

Lab File: VW005229.D

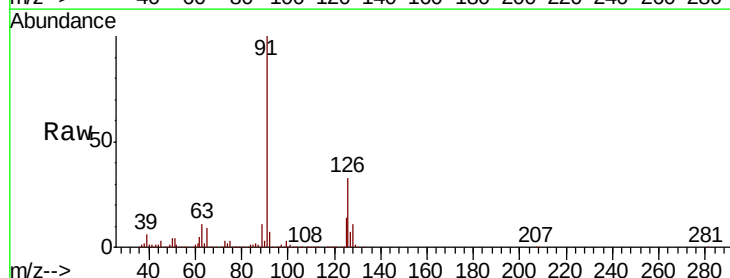
Acq: 08 Sep 2018 01:02

Tgt Ion: 91 Resp: 1006711

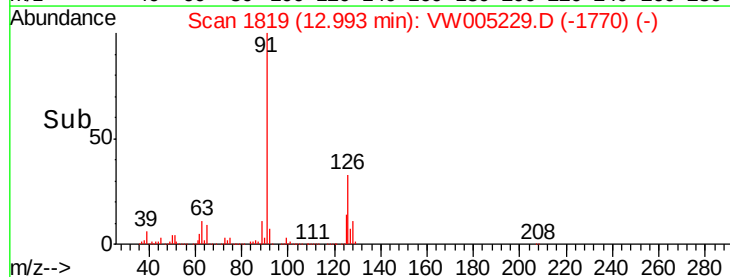
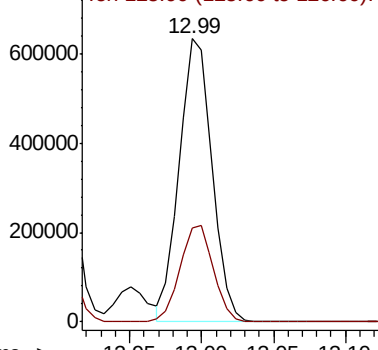
Ion Ratio Lower Upper

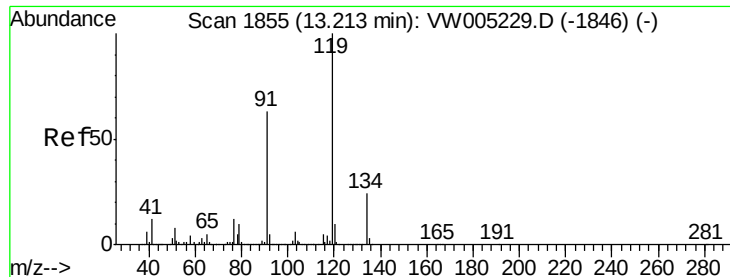
91 100

126 34.7 17.3 52.0



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 125.90 (125.60 to 126.60): V





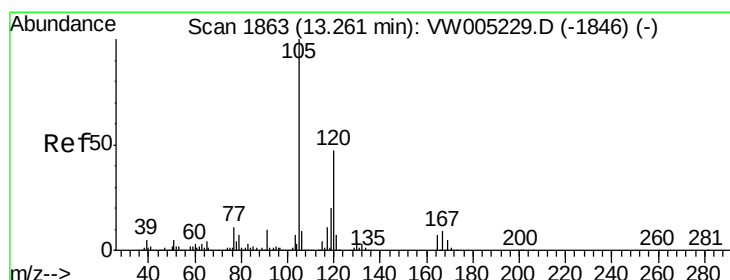
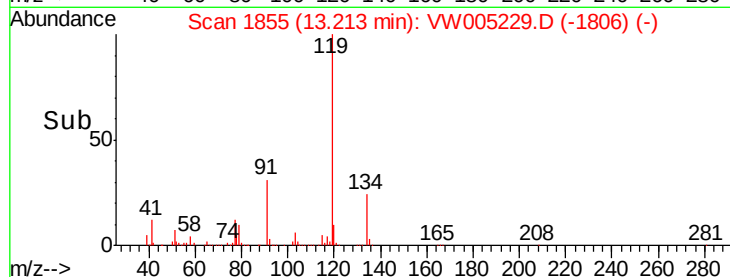
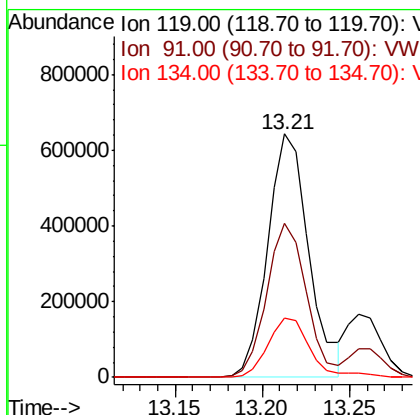
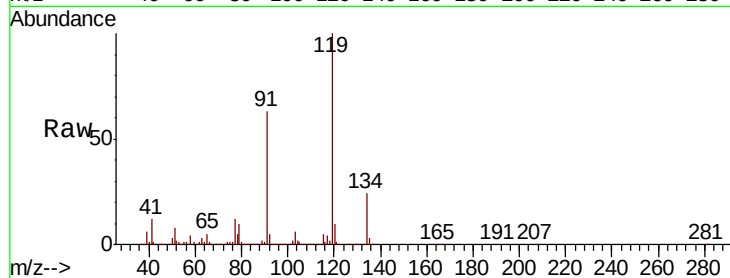
#83
 tert-Butylbenzene
 Concen: 53.18 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW005229.D
 Acq: 08 Sep 2018 01:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	61.5	30.8	92.3
134	25.3	12.7	38.0

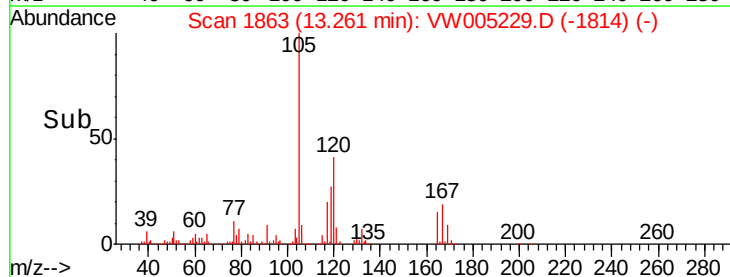
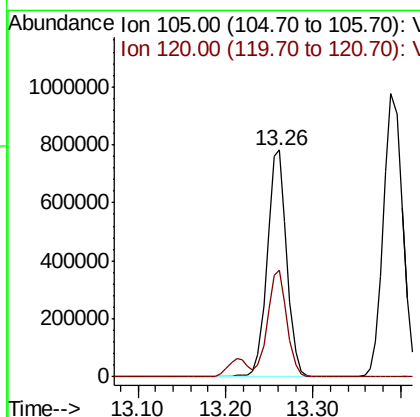
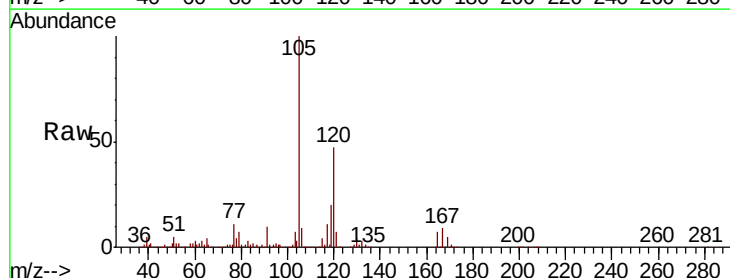
Manual Integrations
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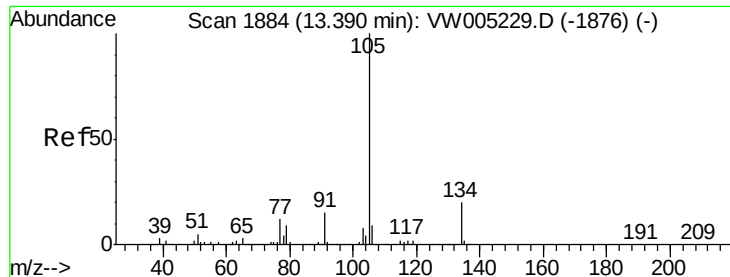
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#84
 1,2,4-Trimethylbenzene
 Concen: 50.72 ug/l
 RT: 13.26 min Scan# 1863
 Delta R.T. 0.00 min
 Lab File: VW005229.D
 Acq: 08 Sep 2018 01:02

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.4	23.2	69.6





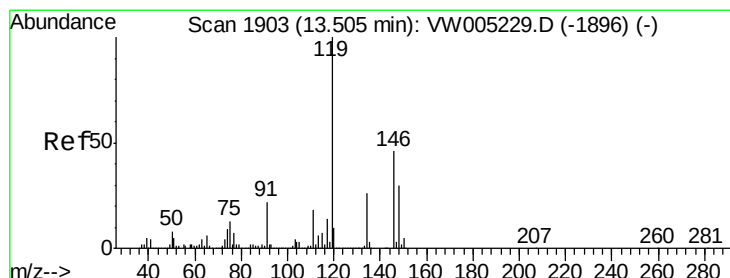
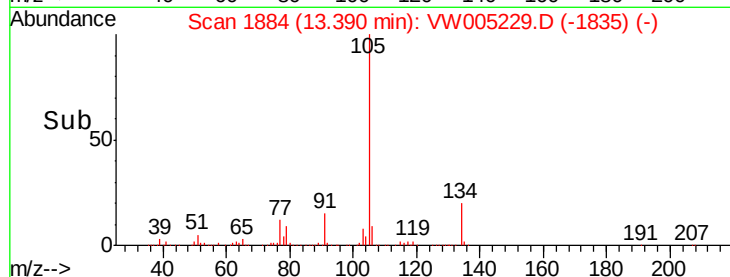
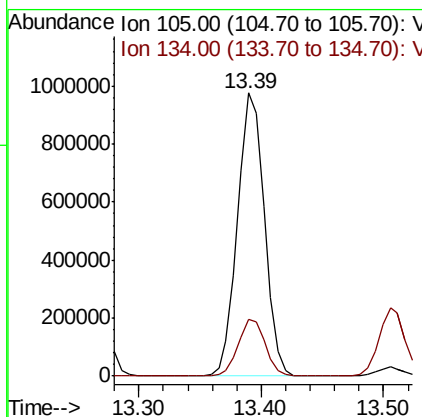
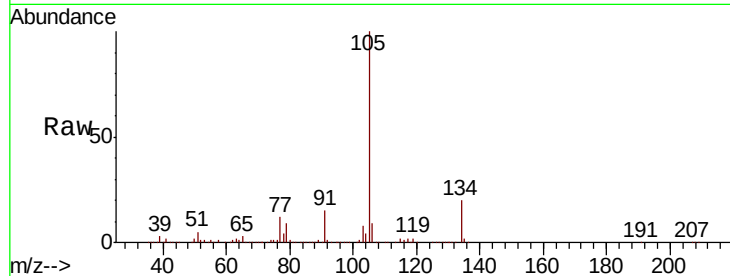
#85
 sec-Butylbenzene
 Concen: 51.19 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW005229.D
 Acq: 08 Sep 2018 01:02

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDICCC050

Tot Ion:105 Resp: 1482365
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.1 30.3

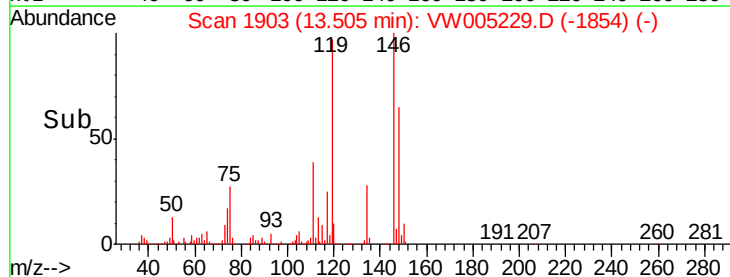
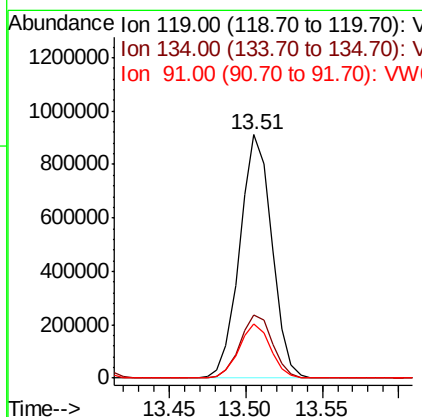
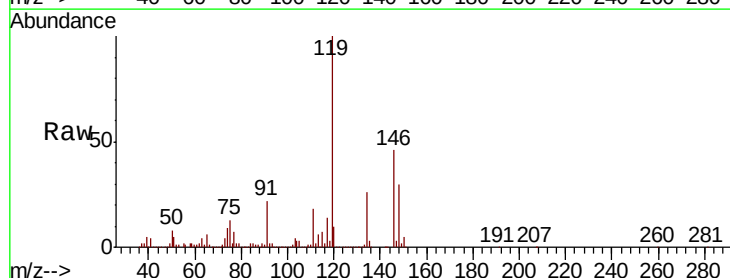
Manual Integrations
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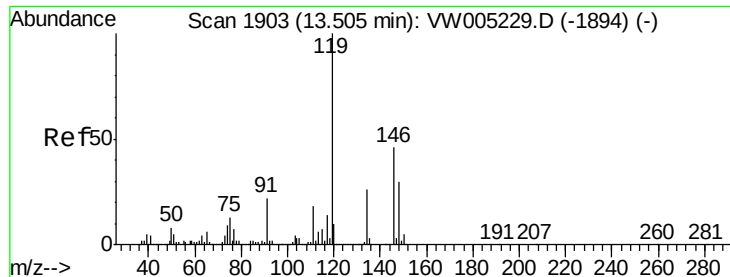
apatel
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#86
 p-Isopropyltoluene
 Concen: 51.84 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW005229.D
 Acq: 08 Sep 2018 01:02

Tgt Ion:119 Resp: 1328005
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.1 39.3
 91 21.8 10.9 32.7





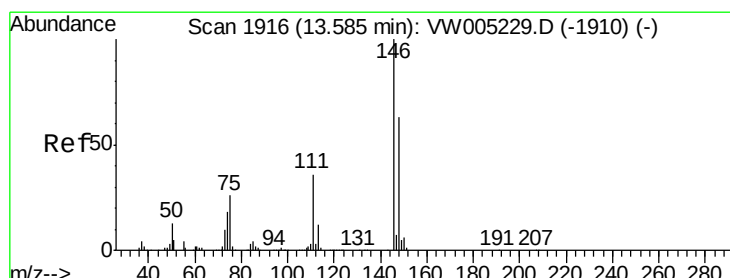
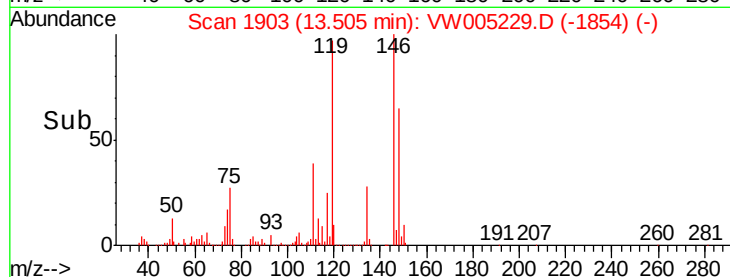
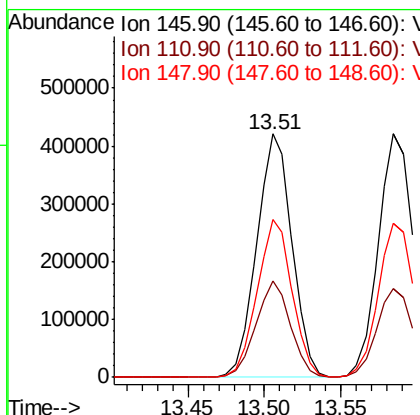
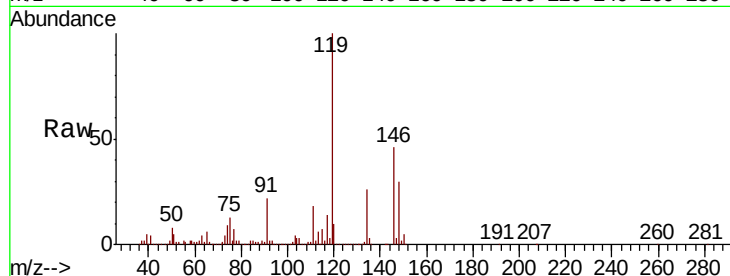
#87
 1,3-Dichlorobenzene
 Concen: 48.96 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW005229.D
 Acq: 08 Sep 2018 01:02

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.3	57.8
148	64.1	32.0	96.2

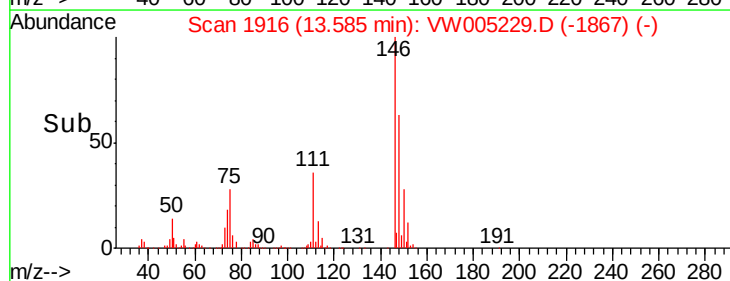
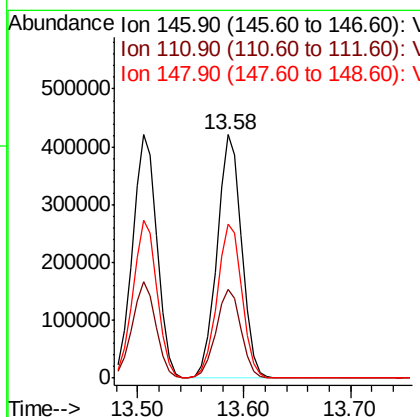
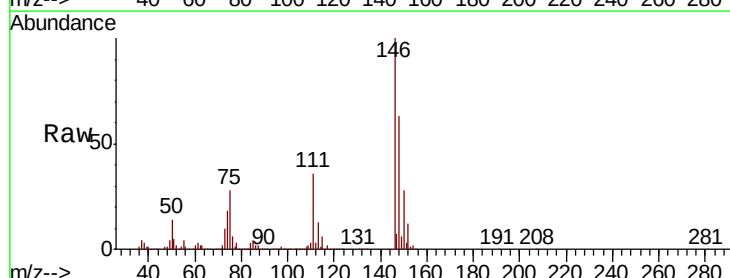
Manual Integrations
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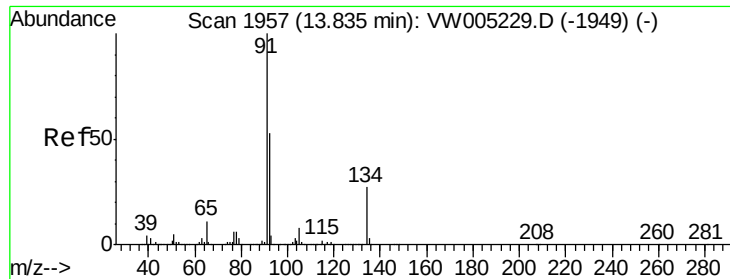
apatel
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#88
 1,4-Dichlorobenzene
 Concen: 48.79 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW005229.D
 Acq: 08 Sep 2018 01:02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.6	56.0
148	64.0	32.0	96.0





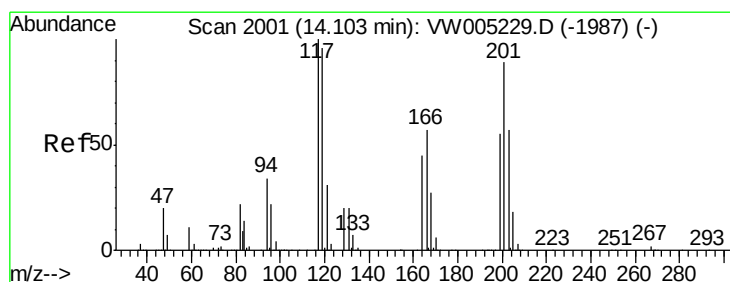
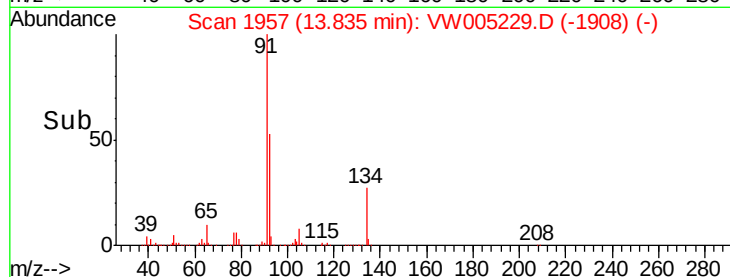
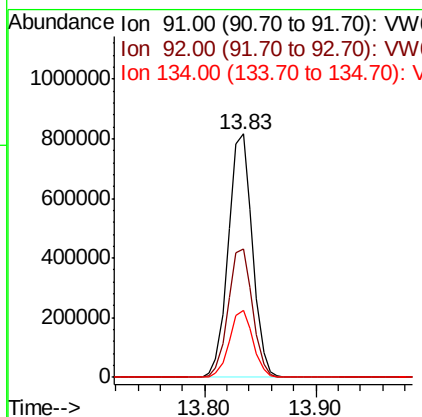
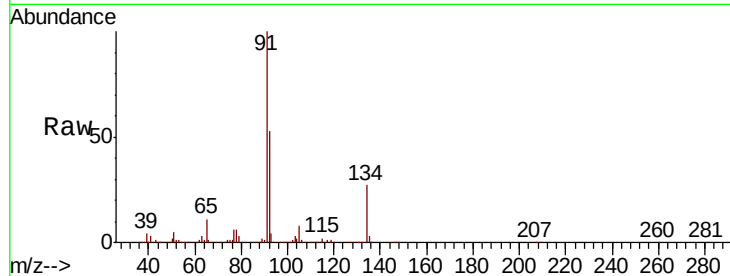
#89
n-Butylbenzene
Concen: 51.38 ug/l
RT: 13.83 min Scan# 1957
Delta R.T. 0.00 min
Lab File: VW005229.D
Acq: 08 Sep 2018 01:02

Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.3	26.7	80.0
134	26.9	13.5	40.4

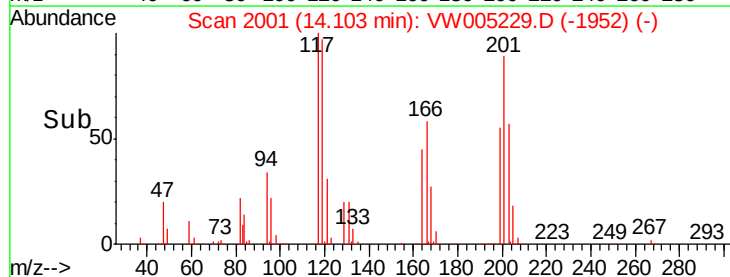
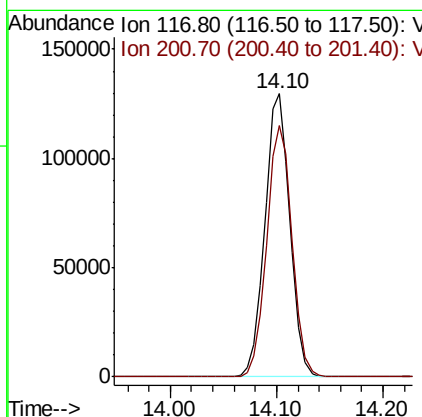
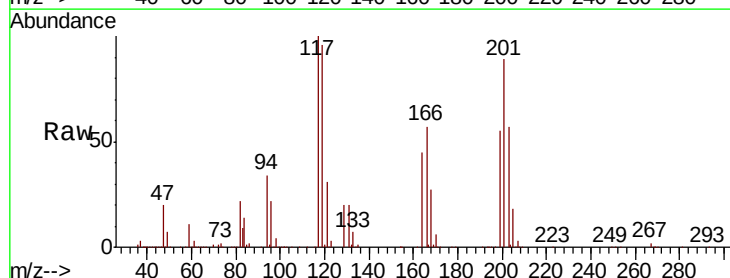
Manual Integrations
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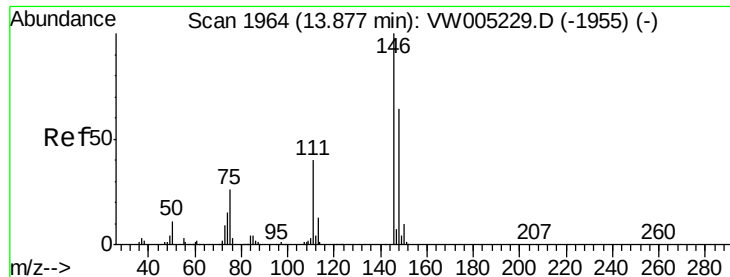
apatel
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#90
Hexachloroethane
Concen: 49.80 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. 0.00 min
Lab File: VW005229.D
Acq: 08 Sep 2018 01:02

Tgt Ion	Ratio	Lower	Upper
117	100		
201	89.6	44.8	134.4





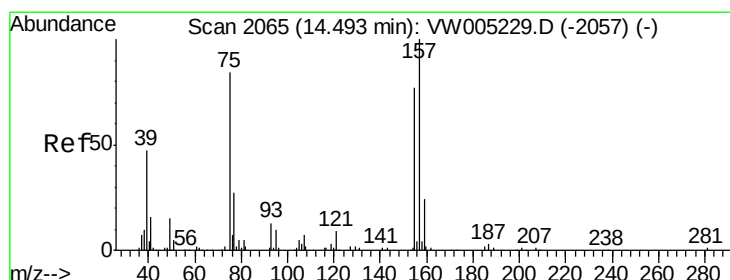
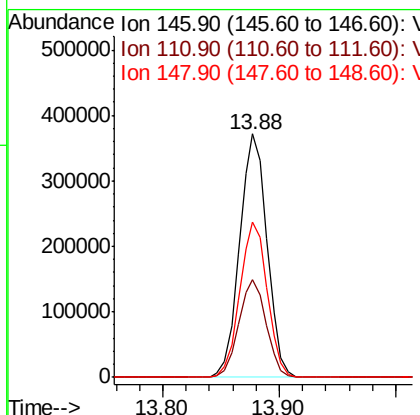
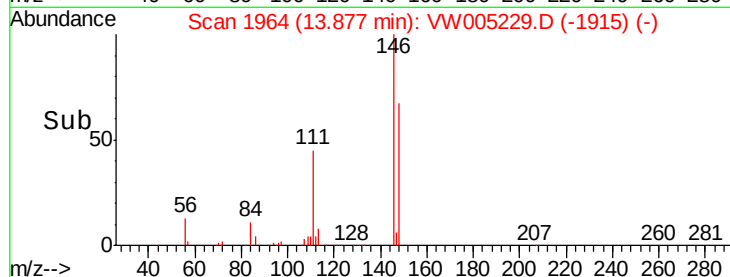
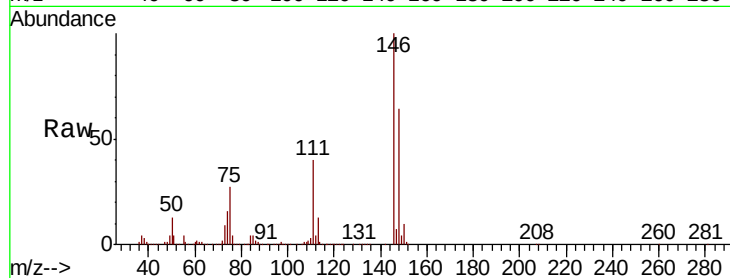
#91
 1,2-Dichlorobenzene
 Concen: 50.24 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW005229.D
 Acq: 08 Sep 2018 01:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.0	60.0
148	64.1	32.0	96.2

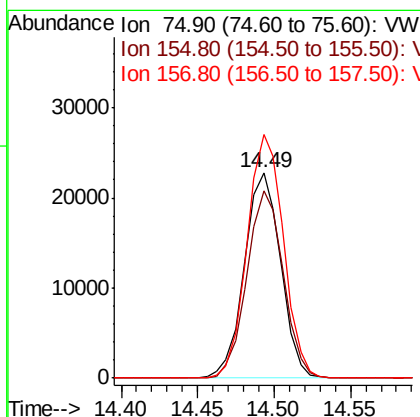
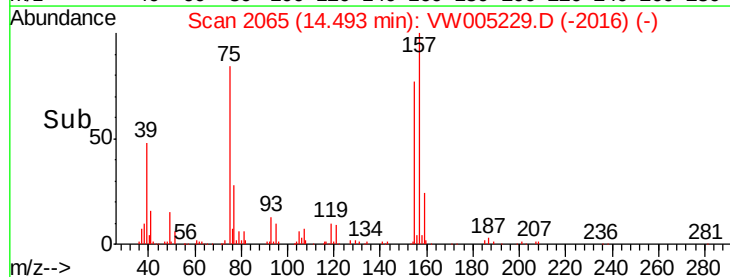
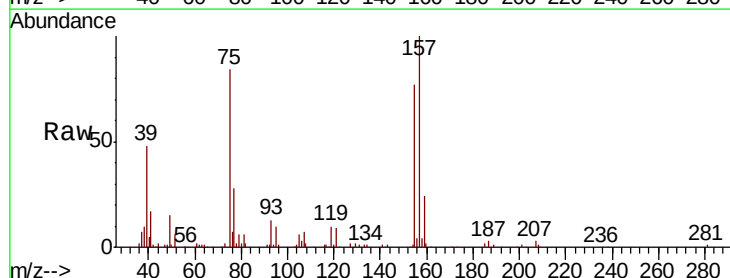
Manual Integrations
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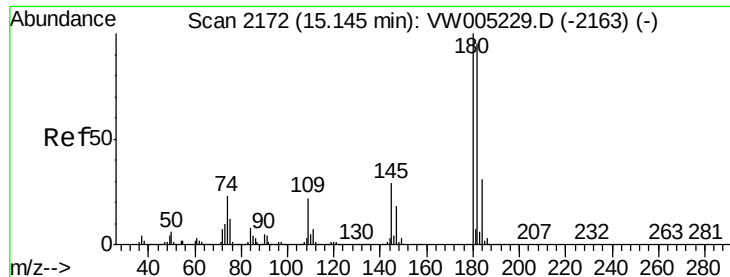
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.88 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: VW005229.D
 Acq: 08 Sep 2018 01:02

Tgt Ion	Ratio	Lower	Upper
75	100		
155	91.3	45.6	136.9
157	119.1	59.6	178.7





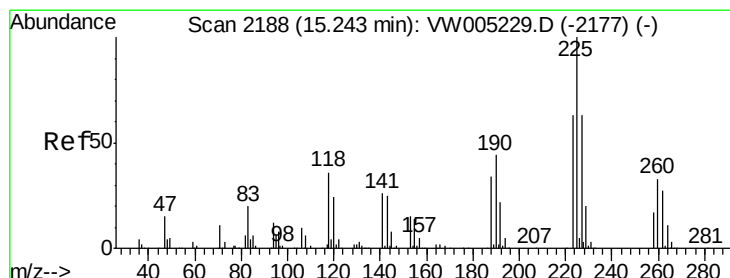
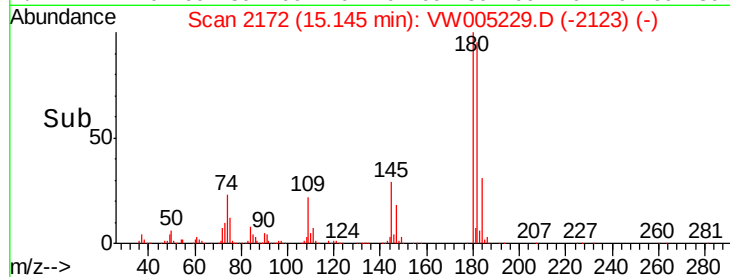
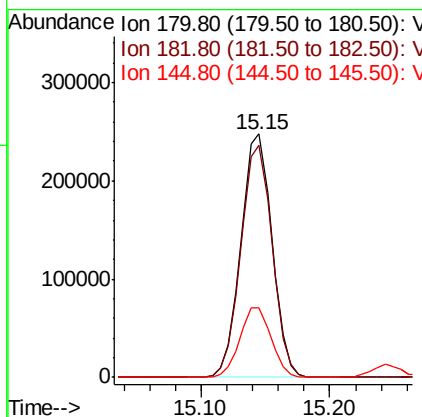
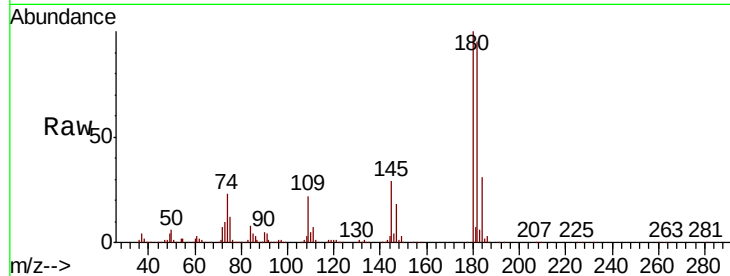
#93
 1,2,4-Trichlorobenzene
 Concen: 51.09 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. 0.00 min
 Lab File: VW005229.D
 Acq: 08 Sep 2018 01:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.9	47.9	143.8	
145	29.1	14.5	43.6	

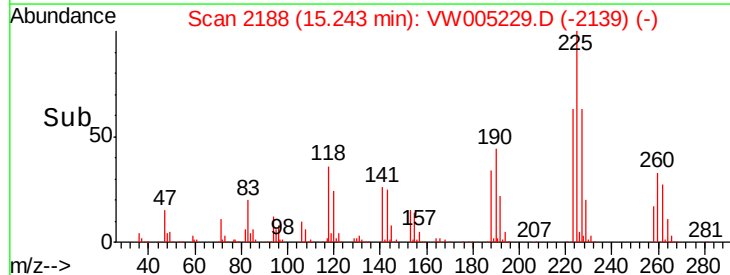
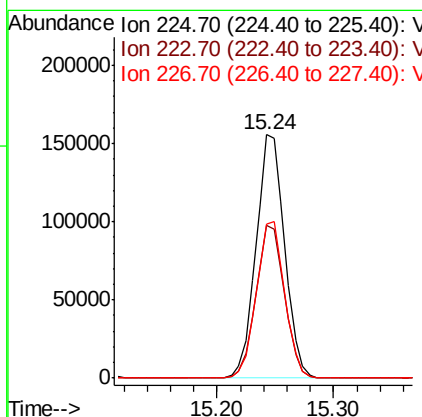
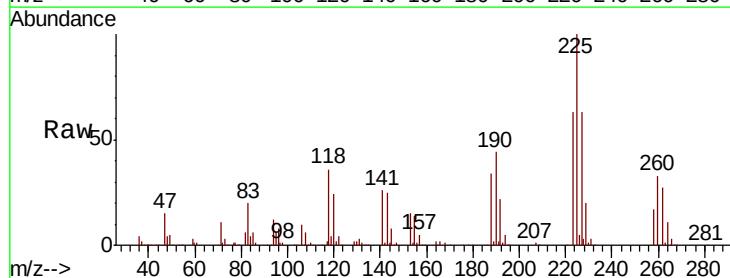
Manual Integrations
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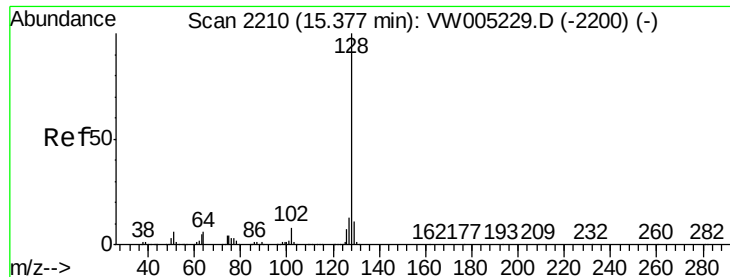
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#94
 Hexachlorobutadiene
 Concen: 52.07 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW005229.D
 Acq: 08 Sep 2018 01:02

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.8	31.4	94.2	
227	63.9	31.9	95.9	





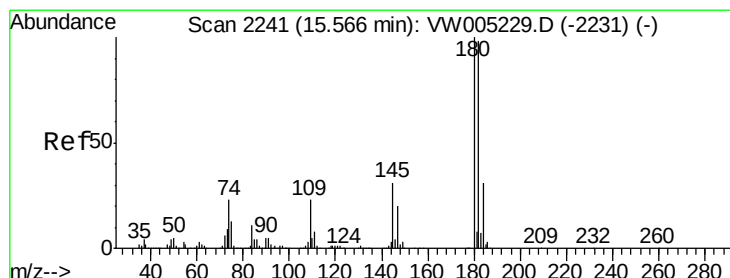
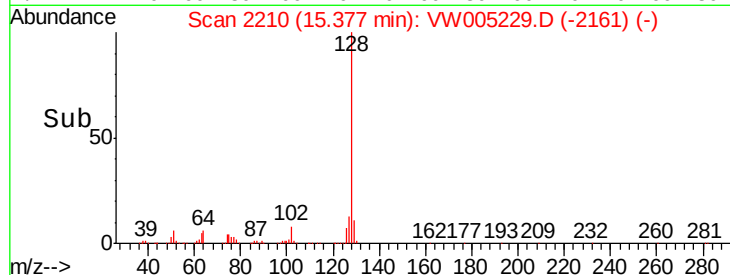
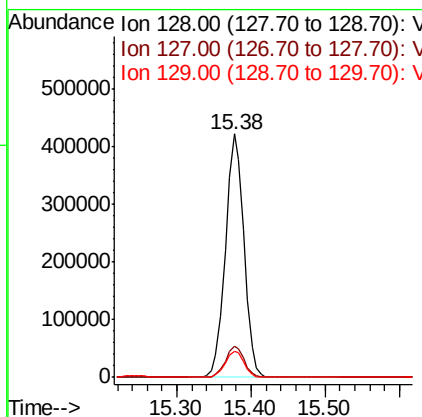
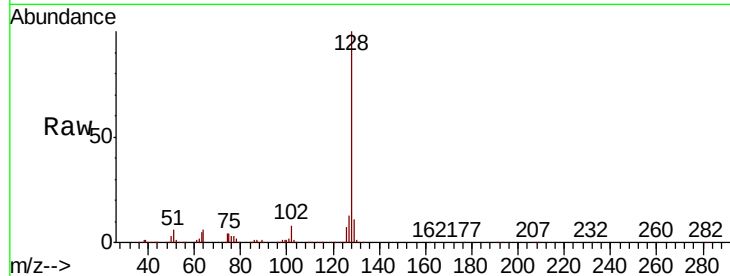
#95
Naphthalene
Concen: 56.85 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW005229.D
Acq: 08 Sep 2018 01:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
128	100	728847		
127	13.0		10.4	15.6
129	11.0		8.8	13.2

Manual Integrations
APPROVED

apatel
9/10/2018 10:42:14 AM



#96
1,2,3-Trichlorobenzene
Concen: 52.07 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW005229.D
Acq: 08 Sep 2018 01:02

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	361714		
182	96.6		48.3	144.9
145	30.6		15.3	45.9

